

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019019.D
 Acq On : 18 May 2021 14:42
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:58:34 PM

Quant Time: May 19 06:21:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 06:19:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.952	168	435313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	720829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	659443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	324567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	54553	13.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.50%	
35) Dibromofluoromethane	7.891	113	50091	13.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.40%	
50) Toluene-d8	10.323	98	197528	13.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.60%	
62) 4-Bromofluorobenzene	12.621	95	68931	13.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.24%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	56317	19.62	ug/l	96
3) Chloromethane	2.215	50	55981	17.75	ug/l	100
4) Vinyl Chloride	2.367	62	88692	18.67	ug/l	100
5) Bromomethane	2.776	94	73729	18.53	ug/l	95
6) Chloroethane	2.922	64	59197	18.28	ug/l	99
7) Trichlorofluoromethane	3.257	101	45612	17.71	ug/l	99
8) Diethyl Ether	3.684	74	40724	17.93	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	77062	17.88	ug/l	97
10) Methyl Iodide	4.275	142	111997	18.08	ug/l	99
11) Tert butyl alcohol	5.190	59	20197	74.91	ug/l	99
12) 1,1-Dichloroethene	4.050	96	77623	18.07	ug/l	97
13) Acrolein	3.897	56	27407	91.54	ug/l	97
14) Allyl chloride	4.672	41	100117	17.91	ug/l	99
15) Acrylonitrile	5.367	53	73034	85.60	ug/l	98
16) Acetone	4.129	43	60241	84.06	ug/l	97
17) Carbon Disulfide	4.391	76	211654	18.24	ug/l	98
18) Methyl Acetate	4.678	43	34889	16.85	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	95451	17.56	ug/l	98
20) Methylene Chloride	4.922	84	108271	15.44	ug/l	99
21) trans-1,2-Dichloroethene	5.428	96	89291	18.07	ug/l	99
22) Diisopropyl ether	6.318	45	206102	18.14	ug/l	98
23) Vinyl Acetate	6.257	43	675973	90.66	ug/l	100
24) 1,1-Dichloroethane	6.220	63	159489	17.90	ug/l	100
25) 2-Butanone	7.171	43	97780	85.67	ug/l	99
26) 2,2-Dichloropropane	7.171	77	83394	17.06	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	99146	18.15	ug/l	100
28) Bromochloromethane	7.513	49	64084	17.61	ug/l	99
29) Tetrahydrofuran	7.537	42	56935	85.98	ug/l	99
30) Chloroform	7.677	83	163765	18.14	ug/l	97
31) Cyclohexane	7.958	56	134199	17.34	ug/l	94
32) 1,1,1-Trichloroethane	7.872	97	121063	18.02	ug/l	99
36) 1,1-Dichloropropene	8.086	75	131776	18.38	ug/l	98
37) Ethyl Acetate	7.257	43	48950	17.71	ug/l	99
38) Carbon Tetrachloride	8.067	117	114507	18.41	ug/l	96
39) Methylcyclohexane	9.335	83	143226	18.32	ug/l	99
40) Benzene	8.323	78	364947	18.19	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019019.D
 Acq On : 18 May 2021 14:42
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:58:34 PM

Quant Time: May 19 06:21:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 06:19:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	27008	19.11	ug/l	92
42) 1,2-Dichloroethane	8.403	62	105572	17.93	ug/l	99
43) Isopropyl Acetate	8.427	43	89689	18.08	ug/l	100
44) Trichloroethene	9.092	130	92951	18.29	ug/l	99
45) 1,2-Dichloropropane	9.372	63	88403	18.34	ug/l	99
46) Dibromomethane	9.457	93	47013	18.07	ug/l	97
47) Bromodichloromethane	9.646	83	118045	18.58	ug/l	95
48) Methyl methacrylate	9.433	41	40770	18.07	ug/l	97
49) 1,4-Dioxane	9.457	88	10055	343.55	ug/l	93
51) 4-Methyl-2-Pentanone	10.207	43	229729	87.73	ug/l	99
52) Toluene	10.390	92	233633	18.60	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	110099	18.13	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	135710	18.38	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	65232	18.20	ug/l	95
56) Ethyl methacrylate	10.646	69	77817	18.16	ug/l	100
57) 1,3-Dichloropropane	10.933	76	115689	17.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	208141	91.49	ug/l	99
59) 2-Hexanone	10.969	43	150673	87.78	ug/l	99
60) Dibromochloromethane	11.128	129	71741	18.59	ug/l	99
61) 1,2-Dibromoethane	11.231	107	62352	18.37	ug/l	100
64) Tetrachloroethene	10.860	164	78661	18.48	ug/l	92
65) Chlorobenzene	11.658	112	241299	18.11	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	80510	18.12	ug/l	99
67) Ethyl Benzene	11.731	91	451401	18.32	ug/l	100
68) m/p-Xylenes	11.835	106	337795	36.47	ug/l	98
69) o-Xylene	12.164	106	153466	18.13	ug/l	96
70) Styrene	12.183	104	263703	18.42	ug/l	99
71) Bromoform	12.347	173	38638	18.02	ug/l #	100
73) Isopropylbenzene	12.463	105	429326	18.36	ug/l	99
74) N-amyl acetate	12.274	43	84413	18.12	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	75657	17.77	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	58395m	19.57	ug/l	
77) Bromobenzene	12.743	156	94345	18.26	ug/l	98
78) n-propylbenzene	12.804	91	530909	18.20	ug/l	100
79) 2-Chlorotoluene	12.890	91	298881	18.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	371672	18.50	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	21477	18.46	ug/l	98
82) 4-Chlorotoluene	12.987	91	316642	18.07	ug/l	99
83) tert-Butylbenzene	13.207	119	316192	18.84	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	368715	18.47	ug/l	96
85) sec-Butylbenzene	13.384	105	463724	18.38	ug/l	99
86) p-Isopropyltoluene	13.493	119	396688	18.27	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	186825	17.47	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	191073	18.10	ug/l	98
89) n-Butylbenzene	13.822	91	394846	18.38	ug/l	99
90) Hexachloroethane	14.091	117	60537	18.26	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	173937	18.31	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	11852	17.87	ug/l	96
93) 1,2,4-Trichlorobenzene	15.133	180	116488	18.51	ug/l	98
94) Hexachlorobutadiene	15.231	225	69172	18.73	ug/l	100
95) Naphthalene	15.365	128	204135	18.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	100286	18.39	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019019.D
Acq On : 18 May 2021 14:42
Operator : SY/VA
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:58:34 PM

Quant Time: May 19 06:21:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 06:19:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019019.D
Acq On : 18 May 2021 14:42
Operator : SY/VA
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:58:34 PM

Quant Time: May 19 06:21:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 06:19:30 2021
Response via : Initial Calibration

