

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009235.D
 Acq On : 19 Mar 2019 11:51
 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
 3/22/2019 3:52:59 AM

Quant Time: Mar 20 07:12:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:57:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	306815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	420869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61175	18.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.50%	
35) Dibromofluoromethane	7.88	113	57035	19.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.88%	
50) Toluene-d8	10.32	98	206893	19.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.80%	
62) 4-Bromofluorobenzene	12.62	95	75151	19.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43712	20.307	ug/l	96
3) Chloromethane	2.21	50	44926	20.200	ug/l	98
4) Vinyl Chloride	2.37	62	68052	20.847	ug/l	98
5) Bromomethane	2.78	94	56705	21.301	ug/l	96
6) Chloroethane	2.92	64	53025	20.937	ug/l	100
7) Trichlorofluoromethane	3.25	101	42839	20.033	ug/l	99
8) Diethyl Ether	3.67	74	30475	19.761	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	60793	19.625	ug/l	96
10) Methyl Iodide	4.27	142	90817	20.338	ug/l	98
11) Tert butyl alcohol	5.17	59	17550	92.676	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	59533	20.331	ug/l	98
13) Acrolein	3.89	56	13840	89.493	ug/l	97
14) Allyl chloride	4.66	41	83196	19.273	ug/l	96
15) Acrylonitrile	5.36	53	60797	93.804	ug/l	99
16) Acetone	4.12	43	61222	91.436	ug/l	92
17) Carbon Disulfide	4.38	76	170382	20.872	ug/l #	95
18) Methyl Acetate	4.66	43	29967	17.439	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	70779	19.695	ug/l	98
20) Methylene Chloride	4.92	84	61229	19.585	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	61643	20.462	ug/l	96
22) Diisopropyl ether	6.31	45	182075	19.565	ug/l	99
23) Vinyl Acetate	6.25	43	572062	97.971	ug/l	99
24) 1,1-Dichloroethane	6.21	63	114054	19.858	ug/l	97
25) 2-Butanone	7.17	43	89459	93.244	ug/l	99
26) 2,2-Dichloropropane	7.16	77	64687	20.157	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	65729	20.139	ug/l	99
28) Bromochloromethane	7.51	49	50795	20.163	ug/l #	100
29) Tetrahydrofuran	7.53	42	58000	95.110	ug/l	100
30) Chloroform	7.67	83	119702	20.031	ug/l	99
31) Cyclohexane	7.95	56	105710	19.742	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	95037	19.924	ug/l	100
36) 1,1-Dichloropropene	8.08	75	93647	20.345	ug/l	99
37) Ethyl Acetate	7.26	43	40360	19.215	ug/l	98
38) Carbon Tetrachloride	8.06	117	97644	20.045	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009235.D
 Acq On : 19 Mar 2019 11:51
 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
 3/22/2019 3:52:59 AM

Quant Time: Mar 20 07:12:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:57:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	105554	19.821	ug/l	97
40) Benzene	8.32	78	252633	20.240	ug/l	98
41) Methacrylonitrile	7.48	41	20083	17.740	ug/l	96
42) 1,2-Dichloroethane	8.40	62	80619	19.758	ug/l	100
43) Isopropyl Acetate	8.42	43	79616	18.930	ug/l	99
44) Trichloroethene	9.09	130	67560	19.758	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62350	19.650	ug/l	97
46) Dibromomethane	9.46	93	34929	20.018	ug/l	98
47) Bromodichloromethane	9.64	83	87182	19.772	ug/l	97
48) Methyl methacrylate	9.43	41	36222	18.602	ug/l	94
49) 1,4-Dioxane	9.45	88	11062	408.731	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	206513	94.216	ug/l	99
52) Toluene	10.38	92	160348	20.274	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	80691	18.766	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	93524	19.334	ug/l	97
55) 1,1,2-Trichloroethane	10.78	97	46849	19.828	ug/l	97
56) Ethyl methacrylate	10.65	69	52272	18.580	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78606	19.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	136623	165.966	ug/l	100
59) 2-Hexanone	10.97	43	138881	93.328	ug/l	99
60) Dibromochloromethane	11.13	129	56062	19.205	ug/l	97
61) 1,2-Dibromoethane	11.23	107	43814	19.470	ug/l	99
64) Tetrachloroethene	10.86	164	58551	20.314	ug/l	97
65) Chlorobenzene	11.66	112	172947	19.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	64899	19.962	ug/l	99
67) Ethyl Benzene	11.73	91	298381	19.792	ug/l	100
68) m/p-Xylenes	11.84	106	233892	40.026	ug/l	99
69) o-Xylene	12.17	106	110422	20.349	ug/l	94
70) Styrene	12.18	104	177919	19.886	ug/l	99
71) Bromoform	12.35	173	33801	19.034	ug/l #	96
73) Isopropylbenzene	12.46	105	304345	19.886	ug/l	99
74) N-amyl acetate	12.27	43	73210	18.339	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	54152	18.916	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	37773m	16.316	ug/l	
77) Bromobenzene	12.75	156	71482	19.719	ug/l	98
78) n-propylbenzene	12.80	91	371545	19.767	ug/l	99
79) 2-Chlorotoluene	12.90	91	211172	19.777	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	261654	20.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15216	17.352	ug/l	91
82) 4-Chlorotoluene	12.99	91	221619	19.702	ug/l	98
83) tert-Butylbenzene	13.21	119	220155	19.794	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	267652	20.060	ug/l	99
85) sec-Butylbenzene	13.38	105	323811	19.702	ug/l	99
86) p-Isopropyltoluene	13.50	119	289690	19.794	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	148480	19.793	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	149576	20.025	ug/l	99
89) n-Butylbenzene	13.83	91	279091	19.866	ug/l	100
90) Hexachloroethane	14.10	117	57798	20.030	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	136700	20.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9847	19.210	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009235.D
Acq On : 19 Mar 2019 11:51
Operator : SY/VA
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
3/22/2019 3:52:59 AM

Quant Time: Mar 20 07:12:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:57:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	90371	20.004	ug/l	100
94) Hexachlorobutadiene	15.24	225	57901	20.151	ug/l	98
95) Naphthalene	15.37	128	148558	18.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	79264	19.656	ug/l	99

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

