

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014497.D
 Acq On : 03 Jan 2020 14:21
 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

apatel
 1/6/2020 10:43:14 AM

Quant Time: Jan 03 15:24:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	839972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1255262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1092288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	543998	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	148516	23.07	ug/l	0.00
Spiked Amount			Recovery	=	46.14%	
35) Dibromofluoromethane	7.88	113	142363	20.53	ug/l	0.00
Spiked Amount			Recovery	=	41.06%	
50) Toluene-d8	10.32	98	602503	21.31	ug/l	0.00
Spiked Amount			Recovery	=	42.62%	
62) 4-Bromofluorobenzene	12.61	95	201490	20.98	ug/l	0.00
Spiked Amount			Recovery	=	41.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	101826	22.389	ug/l	97
3) Chloromethane	2.21	50	118342	24.163	ug/l	98
4) Vinyl Chloride	2.36	62	179807	24.291	ug/l	97
5) Bromomethane	2.76	94	107960	22.346	ug/l	97
6) Chloroethane	2.92	64	99385	22.398	ug/l	98
7) Trichlorofluoromethane	3.24	101	80286	17.973	ug/l	99
8) Diethyl Ether	3.68	74	87736	23.407	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	162929	21.988	ug/l	99
10) Methyl Iodide	4.27	142	246275	20.672	ug/l	99
11) Tert butyl alcohol	5.16	59	62362	147.928	ug/l	100
12) 1,1-Dichloroethene	4.04	96	169200	22.056	ug/l	98
13) Acrolein	3.89	56	65310	137.602	ug/l	97
14) Allyl chloride	4.66	41	253403	21.456	ug/l	99
15) Acrylonitrile	5.37	53	202413	127.347	ug/l	98
16) Acetone	4.12	43	172823	118.415	ug/l	99
17) Carbon Disulfide	4.38	76	511518	23.042	ug/l	97
18) Methyl Acetate	4.67	43	103602	25.953	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	213859	22.892	ug/l	99
20) Methylene Chloride	4.91	84	190398	22.135	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	179942	21.866	ug/l	96
22) Diisopropyl ether	6.31	45	497908	23.043	ug/l	97
23) Vinyl Acetate	6.25	43	1488691	116.455	ug/l	100
24) 1,1-Dichloroethane	6.21	63	307309	22.517	ug/l	99
25) 2-Butanone	7.16	43	254970	121.927	ug/l	97
26) 2,2-Dichloropropane	7.16	77	168402	21.516	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	188862	21.646	ug/l	99
28) Bromochloromethane	7.51	49	115122	25.145	ug/l	98
29) Tetrahydrofuran	7.52	42	170478	131.526	ug/l	99
30) Chloroform	7.67	83	290114	21.644	ug/l	98
31) Cyclohexane	7.95	56	316100	22.150	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	233003	22.071	ug/l	99
36) 1,1-Dichloropropene	8.08	75	250544	21.282	ug/l	99
37) Ethyl Acetate	7.25	43	112777	23.632	ug/l	99
38) Carbon Tetrachloride	8.06	117	213701	20.282	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014497.D
 Acq On : 03 Jan 2020 14:21
 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

apatel
 1/6/2020 10:43:14 AM

Quant Time: Jan 03 15:24:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	315682	20.862	ug/l	99
40) Benzene	8.32	78	708473	21.297	ug/l	99
41) Methacrylonitrile	7.48	41	67233	23.031	ug/l	94
42) 1,2-Dichloroethane	8.40	62	186064	22.011	ug/l	100
43) Isopropyl Acetate	8.42	43	202890	22.663	ug/l	99
44) Trichloroethene	9.09	130	189542	20.127	ug/l	92
45) 1,2-Dichloropropane	9.37	63	175228	21.946	ug/l	100
46) Dibromomethane	9.46	93	85093	21.723	ug/l	99
47) Bromodichloromethane	9.64	83	209922	21.006	ug/l	100
48) Methyl methacrylate	9.43	41	99084	22.413	ug/l	100
49) 1,4-Dioxane	9.44	88	32279	517.620	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	538353	119.051	ug/l	99
52) Toluene	10.38	92	441921	20.679	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	217974	21.394	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	264360	21.112	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	123694	21.213	ug/l	98
56) Ethyl methacrylate	10.65	69	160568	21.710	ug/l	98
57) 1,3-Dichloropropane	10.93	76	220272	22.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	226309	71.695	ug/l	99
59) 2-Hexanone	10.96	43	359830	115.633	ug/l	99
60) Dibromochloromethane	11.13	129	137851	20.174	ug/l	98
61) 1,2-Dibromoethane	11.23	107	117846	21.330	ug/l	98
64) Tetrachloroethene	10.86	164	158350	19.151	ug/l	99
65) Chlorobenzene	11.65	112	455643	20.308	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	153618	19.709	ug/l	100
67) Ethyl Benzene	11.73	91	827751	20.467	ug/l	100
68) m/p-Xylenes	11.83	106	634009	40.617	ug/l	100
69) o-Xylene	12.16	106	293295	20.439	ug/l	100
70) Styrene	12.18	104	492317	20.014	ug/l	99
71) Bromoform	12.35	173	82738	19.925	ug/l #	100
73) Isopropylbenzene	12.46	105	803890	20.545	ug/l	100
74) N-amyl acetate	12.27	43	181045	22.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	147100	22.900	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	111744m	26.362	ug/l	
77) Bromobenzene	12.74	156	186106	19.973	ug/l	99
78) n-propylbenzene	12.80	91	959007	21.133	ug/l	100
79) 2-Chlorotoluene	12.89	91	542327	21.241	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	688266	20.908	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	44887	20.873	ug/l	95
82) 4-Chlorotoluene	12.99	91	567163	21.232	ug/l	99
83) tert-Butylbenzene	13.21	119	588338	20.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	682694	20.986	ug/l	100
85) sec-Butylbenzene	13.38	105	827741	20.688	ug/l	99
86) p-Isopropyltoluene	13.50	119	757306	20.385	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	366769	20.352	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	359109	20.020	ug/l	98
89) n-Butylbenzene	13.82	91	694311	20.603	ug/l	100
90) Hexachloroethane	14.09	117	127124	19.706	ug/l	99
91) 1,2-Dichlorobenzene	13.86	146	324302	20.676	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	23459	23.781	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
Data File : VW014497.D
Acq On : 03 Jan 2020 14:21
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

apatel
1/6/2020 10:43:14 AM

Quant Time: Jan 03 15:24:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 15:15:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	220964	19.477	ug/l	99
94) Hexachlorobutadiene	15.24	225	149242	19.606	ug/l	99
95) Naphthalene	15.36	128	374860	20.529	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	192709	19.644	ug/l	98

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

