

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015214.D
 Acq On : 15 Apr 2020 20:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 16 05:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:44:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	492663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	832662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	716976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	326964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	230720	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	7.88	113	228283	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	10.32	98	914660	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.62	95	317264	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	134827	43.602	ug/l	99
3) Chloromethane	2.21	50	206001	47.384	ug/l	100
4) Vinyl Chloride	2.36	62	283414	55.360	ug/l	99
5) Bromomethane	2.78	94	141475	52.493	ug/l	96
6) Chloroethane	2.92	64	135185	53.531	ug/l	98
7) Trichlorofluoromethane	3.26	101	151322	46.128	ug/l	98
8) Diethyl Ether	3.68	74	125683	49.697	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	244103	48.965	ug/l	99
10) Methyl Iodide	4.27	142	368809	49.540	ug/l	100
11) Tert butyl alcohol	5.17	59	81301	235.095	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	253148	49.305	ug/l	94
13) Acrolein	3.90	56	93171	259.150	ug/l	97
14) Allyl chloride	4.67	41	369793	48.687	ug/l	99
15) Acrylonitrile	5.37	53	278252	262.159	ug/l	99
16) Acetone	4.12	43	212643	256.280	ug/l	100
17) Carbon Disulfide	4.38	76	760474	48.664	ug/l	98
18) Methyl Acetate	4.67	43	132769	52.328	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	350477	52.122	ug/l	99
20) Methylene Chloride	4.91	84	258296	44.952	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	263257	48.596	ug/l	100
22) Diisopropyl ether	6.31	45	733158	47.862	ug/l	98
23) Vinyl Acetate	6.25	43	2256916	253.699	ug/l	99
24) 1,1-Dichloroethane	6.21	63	437481	48.037	ug/l	100
25) 2-Butanone	7.17	43	349080	262.906	ug/l	98
26) 2,2-Dichloropropane	7.16	77	276716	45.654	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	283326	48.515	ug/l	99
28) Bromochloromethane	7.51	49	195845	51.453	ug/l	97
29) Tetrahydrofuran	7.53	42	235275	270.319	ug/l	99
30) Chloroform	7.67	83	430989	48.311	ug/l	97
31) Cyclohexane	7.95	56	443390	45.547	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	366293	48.740	ug/l	99
36) 1,1-Dichloropropene	8.08	75	363780	48.904	ug/l	99
37) Ethyl Acetate	7.25	43	164473	53.126	ug/l	99
38) Carbon Tetrachloride	8.07	117	339968	49.710	ug/l	96

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39) Methylcyclohexane	9.34	83	484874	48.507	ug/l	98
40) Benzene	8.32	78	1035762	49.037	ug/l	99
41) Methacrylonitrile	7.48	41	92977	50.757	ug/l	99
42) 1,2-Dichloroethane	8.40	62	268284	50.045	ug/l	99
43) Isopropyl Acetate	8.42	43	324859	53.695	ug/l	99
44) Trichloroethene	9.09	130	273210	49.227	ug/l	99
45) 1,2-Dichloropropane	9.37	63	251431	48.382	ug/l	100
46) Dibromomethane	9.46	93	131673	50.699	ug/l	98
47) Bromodichloromethane	9.65	83	329771	48.972	ug/l	99
48) Methyl methacrylate	9.43	41	155142	54.824	ug/l	99
49) 1,4-Dioxane	9.45	88	41969	1018.560	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	833659	260.529	ug/l	100
52) Toluene	10.38	92	652502	48.262	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	335955	49.037	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	401551	48.583	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	184781	50.212	ug/l	97
56) Ethyl methacrylate	10.65	69	261305	51.528	ug/l	98
57) 1,3-Dichloropropane	10.93	76	330517	51.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	703414	280.267	ug/l	99
59) 2-Hexanone	10.96	43	543634	270.700	ug/l	100
60) Dibromochloromethane	11.13	129	222820	50.747	ug/l	99
61) 1,2-Dibromoethane	11.23	107	181573	51.197	ug/l	99
64) Tetrachloroethene	10.86	164	208289	49.457	ug/l	97
65) Chlorobenzene	11.66	112	665842	49.355	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	231599	49.669	ug/l	99
67) Ethyl Benzene	11.73	91	1255273	49.288	ug/l	98
68) m/p-Xylenes	11.84	106	934894	96.729	ug/l	99
69) o-Xylene	12.16	106	439516	48.518	ug/l	99
70) Styrene	12.18	104	751417	49.100	ug/l	99
71) Bromoform	12.35	173	121288	52.376	ug/l #	95
73) Isopropylbenzene	12.46	105	1203550	49.359	ug/l	99
74) N-amyl acetate	12.27	43	298888	52.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	215842	52.831	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	135077m	48.260	ug/l	
77) Bromobenzene	12.74	156	250342	49.556	ug/l	99
78) n-propylbenzene	12.80	91	1422322	48.368	ug/l	100
79) 2-Chlorotoluene	12.89	91	791115	48.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1000387	48.724	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	75422	52.135	ug/l	99
82) 4-Chlorotoluene	12.99	91	824520	48.008	ug/l	99
83) tert-Butylbenzene	13.21	119	861455	48.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	977816	47.916	ug/l	98
85) sec-Butylbenzene	13.38	105	1213944	47.980	ug/l	100
86) p-Isopropyltoluene	13.50	119	1060913	46.993	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	486083	48.298	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	477777	47.851	ug/l	99
89) n-Butylbenzene	13.82	91	1040774	46.632	ug/l	99
90) Hexachloroethane	14.09	117	206619	47.602	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	429535	48.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	34585	52.283	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	271959	46.061	ug/l	97
94) Hexachlorobutadiene	15.23	225	150502	44.183	ug/l	96
95) Naphthalene	15.36	128	589669	51.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	242979	47.954	ug/l	97

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

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