

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015445.D
 Acq On : 15 May 2020 20:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 18 02:08:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	180099	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132378	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	7.88	113	112675	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.32	98	444561	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.61	95	171167	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	64082	48.158	ug/l	96
3) Chloromethane	2.21	50	70093	42.075	ug/l	96
4) Vinyl Chloride	2.37	62	107509	42.614	ug/l	97
5) Bromomethane	2.78	94	80758	40.860	ug/l	95
6) Chloroethane	2.93	64	72691	41.811	ug/l	99
7) Trichlorofluoromethane	3.26	101	61881	33.440	ug/l	99
8) Diethyl Ether	3.68	74	59282	51.265	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98815	46.064	ug/l	99
10) Methyl Iodide	4.27	142	156572	48.235	ug/l	98
11) Tert butyl alcohol	5.20	59	43880	300.762	ug/l	99
12) 1,1-Dichloroethene	4.03	96	98222	44.153	ug/l	99
13) Acrolein	3.89	56	35844	192.388	ug/l	98
14) Allyl chloride	4.66	41	179847	46.141	ug/l	99
15) Acrylonitrile	5.37	53	129268	274.669	ug/l	100
16) Acetone	4.13	43	105218	267.703	ug/l	98
17) Carbon Disulfide	4.37	76	295156	43.271	ug/l	99
18) Methyl Acetate	4.67	43	56925	54.557	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	186652	52.221	ug/l	97
20) Methylene Chloride	4.92	84	120888	47.140	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	117540	46.546	ug/l	97
22) Diisopropyl ether	6.31	45	367012	48.186	ug/l	99
23) Vinyl Acetate	6.25	43	1186981	256.364	ug/l	100
24) 1,1-Dichloroethane	6.21	63	215462	47.186	ug/l	100
25) 2-Butanone	7.17	43	170718	278.666	ug/l	97
26) 2,2-Dichloropropane	7.16	77	125746	41.549	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	132138	48.189	ug/l	97
28) Bromochloromethane	7.51	49	89169	48.567	ug/l	97
29) Tetrahydrofuran	7.53	42	111249	275.931	ug/l	98
30) Chloroform	7.68	83	216672	47.758	ug/l	98
31) Cyclohexane	7.95	56	184166	39.723	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	174109	45.661	ug/l	100
36) 1,1-Dichloropropene	8.08	75	167426	44.874	ug/l	99
37) Ethyl Acetate	7.26	43	80729	55.763	ug/l	98
38) Carbon Tetrachloride	8.07	117	156420	44.845	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	204145	43.225	ug/l	98
40) Benzene	8.32	78	473011	46.484	ug/l	100
41) Methacrylonitrile	7.48	41	50418	55.119	ug/l	96
42) 1,2-Dichloroethane	8.40	62	156935	50.634	ug/l	100
43) Isopropyl Acetate	8.43	43	166616	54.724	ug/l	98
44) Trichloroethene	9.09	130	123956	46.999	ug/l	98
45) 1,2-Dichloropropane	9.37	63	120558	47.959	ug/l	100
46) Dibromomethane	9.46	93	64407	51.515	ug/l	99
47) Bromodichloromethane	9.65	83	169343	49.699	ug/l	97
48) Methyl methacrylate	9.43	41	77710	55.255	ug/l	98
49) 1,4-Dioxane	9.46	88	20158	1281.163	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	400159	280.442	ug/l	99
52) Toluene	10.38	92	307577	46.513	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	174754	50.246	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	199852	48.802	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	90811	51.364	ug/l	95
56) Ethyl methacrylate	10.65	69	132403	54.505	ug/l	98
57) 1,3-Dichloropropane	10.93	76	163048	51.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	322224	272.655	ug/l	99
59) 2-Hexanone	10.97	43	277824	287.759	ug/l	100
60) Dibromochloromethane	11.13	129	111965	52.656	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88448	52.835	ug/l	99
64) Tetrachloroethene	10.86	164	100923	46.426	ug/l	92
65) Chlorobenzene	11.66	112	322896	46.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	118815	47.790	ug/l	99
67) Ethyl Benzene	11.73	91	611462	45.557	ug/l	99
68) m/p-Xylenes	11.84	106	460520	92.285	ug/l	98
69) o-Xylene	12.16	106	218568	46.610	ug/l	100
70) Styrene	12.18	104	381535	47.242	ug/l	99
71) Bromoform	12.35	173	64433	53.142	ug/l #	99
73) Isopropylbenzene	12.46	105	602332	44.798	ug/l	100
74) N-amyl acetate	12.27	43	162922	51.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	108459	51.564	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	72024m	48.613	ug/l	
77) Bromobenzene	12.74	156	133645	46.903	ug/l	99
78) n-propylbenzene	12.80	91	707844	43.879	ug/l	99
79) 2-Chlorotoluene	12.89	91	410791	45.175	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	503076	44.420	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	37127	49.567	ug/l	98
82) 4-Chlorotoluene	12.99	91	432816	44.912	ug/l	100
83) tert-Butylbenzene	13.21	119	435627	45.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	515232	45.475	ug/l	99
85) sec-Butylbenzene	13.38	105	602410	44.242	ug/l	99
86) p-Isopropyltoluene	13.50	119	566780	45.640	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	264716	46.639	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	259182	46.108	ug/l	98
89) n-Butylbenzene	13.82	91	539849	44.405	ug/l	100
90) Hexachloroethane	14.09	117	106089	46.358	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	236054	48.033	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20014	54.504	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	171594	51.951	ug/l	99
94) Hexachlorobutadiene	15.24	225	94182	48.119	ug/l	98
95) Naphthalene	15.36	128	342683	57.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	148359	52.276	ug/l	99

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

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