

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015431.D
 Acq On : 15 May 2020 13:58
 Operator : SY/VA
 Sample : VW0515SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Quant Time: May 18 01:15:12 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	227173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164734	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	123335	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
35) Dibromofluoromethane	7.88	113	106463	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	10.32	98	435225	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	161207	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25137	19.139	ug/l	92
3) Chloromethane	2.21	50	30424	18.503	ug/l	97
4) Vinyl Chloride	2.37	62	49613	19.924	ug/l	98
5) Bromomethane	2.78	94	35306	18.098	ug/l	92
6) Chloroethane	2.92	64	32539	18.962	ug/l	98
7) Trichlorofluoromethane	3.26	101	31809	17.415	ug/l	97
8) Diethyl Ether	3.68	74	22914	20.076	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43639	20.611	ug/l	98
10) Methyl Iodide	4.27	142	64586	20.159	ug/l	100
11) Tert butyl alcohol	5.20	59	17557	121.921	ug/l	100
12) 1,1-Dichloroethene	4.03	96	43365	19.750	ug/l	97
13) Acrolein	3.89	56	15768	85.746	ug/l	96
14) Allyl chloride	4.67	41	75848	19.715	ug/l	99
15) Acrylonitrile	5.37	53	48475	104.354	ug/l	100
16) Acetone	4.13	43	41481	106.926	ug/l	98
17) Carbon Disulfide	4.38	76	132290	19.649	ug/l	99
18) Methyl Acetate	4.67	43	22005	21.367	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	73212	20.752	ug/l	99
20) Methylene Chloride	4.92	84	50655	20.013	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	49210	19.743	ug/l	97
22) Diisopropyl ether	6.31	45	149069	19.829	ug/l	98
23) Vinyl Acetate	6.26	43	454658	99.488	ug/l	99
24) 1,1-Dichloroethane	6.21	63	88973	19.741	ug/l	100
25) 2-Butanone	7.18	43	65368	108.104	ug/l	100
26) 2,2-Dichloropropane	7.16	77	60660	20.307	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	54101	19.989	ug/l	99
28) Bromochloromethane	7.51	49	35831	19.772	ug/l	100
29) Tetrahydrofuran	7.53	42	41358	103.929	ug/l	100
30) Chloroform	7.68	83	90104	20.121	ug/l	99
31) Cyclohexane	7.95	56	89396	19.535	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	76972	20.452	ug/l	99
36) 1,1-Dichloropropene	8.08	75	73856	20.393	ug/l	99
37) Ethyl Acetate	7.26	43	30937	22.015	ug/l	99
38) Carbon Tetrachloride	8.07	117	70367	20.783	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92381	20.151	ug/l	99
40) Benzene	8.32	78	200948	20.344	ug/l	99
41) Methacrylonitrile	7.48	41	18055	20.335	ug/l	98
42) 1,2-Dichloroethane	8.40	62	62869	20.897	ug/l	100
43) Isopropyl Acetate	8.43	43	62857	21.269	ug/l	98
44) Trichloroethene	9.09	130	53049	20.722	ug/l	94
45) 1,2-Dichloropropane	9.37	63	50362	20.640	ug/l	99
46) Dibromomethane	9.46	93	25437	20.960	ug/l	98
47) Bromodichloromethane	9.65	83	67695	20.467	ug/l	100
48) Methyl methacrylate	9.44	41	28562	20.922	ug/l	96
49) 1,4-Dioxane	9.46	88	6714	439.609	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	147782	106.699	ug/l	99
52) Toluene	10.39	92	130473	20.327	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	68954	20.425	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	80706	20.303	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35377	20.614	ug/l	97
56) Ethyl methacrylate	10.65	69	48191	20.438	ug/l	98
57) 1,3-Dichloropropane	10.93	76	62924	20.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	120387	104.945	ug/l	99
59) 2-Hexanone	10.97	43	100570	107.314	ug/l	99
60) Dibromochloromethane	11.13	129	42496	20.589	ug/l	99
61) 1,2-Dibromoethane	11.23	107	33716	20.749	ug/l	99
64) Tetrachloroethene	10.87	164	43339	21.476	ug/l	91
65) Chlorobenzene	11.66	112	133880	20.567	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47646	20.644	ug/l	98
67) Ethyl Benzene	11.73	91	257091	20.634	ug/l	97
68) m/p-Xylenes	11.83	106	188347	40.658	ug/l	99
69) o-Xylene	12.16	106	90062	20.689	ug/l	98
70) Styrene	12.18	104	152146	20.293	ug/l	100
71) Bromoform	12.35	173	23284	20.687	ug/l #	100
73) Isopropylbenzene	12.46	105	248572	20.212	ug/l	99
74) N-amyl acetate	12.27	43	59556	20.486	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40131	20.859	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27150m	20.034	ug/l	
77) Bromobenzene	12.75	156	53017	20.342	ug/l	99
78) n-propylbenzene	12.80	91	301455	20.430	ug/l	99
79) 2-Chlorotoluene	12.89	91	167710	20.163	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	210221	20.293	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13969	20.389	ug/l	98
82) 4-Chlorotoluene	12.99	91	179281	20.339	ug/l	100
83) tert-Butylbenzene	13.21	119	180491	20.419	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	213255	20.578	ug/l	100
85) sec-Butylbenzene	13.38	105	258257	20.736	ug/l	99
86) p-Isopropyltoluene	13.50	119	232975	20.510	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107294	20.667	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	107127	20.835	ug/l	99
89) n-Butylbenzene	13.82	91	229215	20.613	ug/l	100
90) Hexachloroethane	14.09	117	43091	20.586	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	93876	20.884	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7282	21.681	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	64937	21.494	ug/l	98
94) Hexachlorobutadiene	15.24	225	37747	21.084	ug/l	98
95) Naphthalene	15.36	128	113535	20.980	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53141	20.471	ug/l	99

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

