

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071620\
 Data File : VW015862.D
 Acq On : 16 Jul 2020 15:07
 Operator : SY/VA
 Sample : VW0716SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

Quant Time: Jul 16 18:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	415596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188896	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	124989	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
35) Dibromofluoromethane	7.89	113	112116	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
50) Toluene-d8	10.33	98	438032	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	12.62	95	165949	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26732	19.337	ug/l	94
3) Chloromethane	2.21	50	34680	18.472	ug/l	97
4) Vinyl Chloride	2.37	62	58498	20.181	ug/l	95
5) Bromomethane	2.79	94	38084	17.170	ug/l	96
6) Chloroethane	2.93	64	36881	18.853	ug/l	99
7) Trichlorofluoromethane	3.26	101	44109	21.173	ug/l	97
8) Diethyl Ether	3.68	74	25061	19.307	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50304	20.628	ug/l	99
10) Methyl Iodide	4.27	142	71419	20.946	ug/l	99
11) Tert butyl alcohol	5.17	59	15562	106.818	ug/l	97
12) 1,1-Dichloroethene	4.04	96	48613	20.275	ug/l	98
13) Acrolein	3.89	56	14436	76.989	ug/l	94
14) Allyl chloride	4.67	41	77207	19.812	ug/l	97
15) Acrylonitrile	5.37	53	50382	99.274	ug/l	99
16) Acetone	4.12	43	49389	97.655	ug/l	98
17) Carbon Disulfide	4.38	76	142636	19.998	ug/l	99
18) Methyl Acetate	4.67	43	22566	19.606	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	68946	19.213	ug/l	100
20) Methylene Chloride	4.91	84	86192	31.489	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	53978	19.437	ug/l	99
22) Diisopropyl ether	6.32	45	154177	19.632	ug/l	98
23) Vinyl Acetate	6.26	43	441918	94.609	ug/l	99
24) 1,1-Dichloroethane	6.22	63	97268	19.563	ug/l	100
25) 2-Butanone	7.18	43	67144	97.806	ug/l	99
26) 2,2-Dichloropropane	7.17	77	65090	20.867	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57696	19.348	ug/l	98
28) Bromochloromethane	7.51	49	42210	21.414	ug/l	99
29) Tetrahydrofuran	7.54	42	41363	99.289	ug/l	98
30) Chloroform	7.68	83	96985	19.082	ug/l	99
31) Cyclohexane	7.96	56	93111	19.898	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	83045	19.485	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80254	19.590	ug/l	100
37) Ethyl Acetate	7.26	43	29697	18.656	ug/l	99
38) Carbon Tetrachloride	8.07	117	74934	18.903	ug/l	95

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39) Methylcyclohexane	9.34	83	96038	19.866	ug/l	99
40) Benzene	8.33	78	217611	19.391	ug/l	100
41) Methacrylonitrile	7.49	41	16760	18.545	ug/l	95
42) 1,2-Dichloroethane	8.40	62	65631	18.791	ug/l	99
43) Isopropyl Acetate	8.43	43	56788	18.276	ug/l	99
44) Trichloroethene	9.09	130	56529	19.044	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53861	19.526	ug/l	100
46) Dibromomethane	9.46	93	27239	19.181	ug/l	97
47) Bromodichloromethane	9.65	83	69672	18.968	ug/l	99
48) Methyl methacrylate	9.44	41	27120	19.045	ug/l	96
49) 1,4-Dioxane	9.45	88	7002	398.807	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	142859	94.219	ug/l	99
52) Toluene	10.39	92	138824	19.223	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	65101	18.472	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	79989	18.973	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	37375	18.980	ug/l	98
56) Ethyl methacrylate	10.65	69	45822	18.927	ug/l	96
57) 1,3-Dichloropropane	10.93	76	67531	19.372	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	120204	101.615	ug/l	99
59) 2-Hexanone	10.97	43	98758	97.599	ug/l	100
60) Dibromochloromethane	11.13	129	42042	18.486	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35485	18.833	ug/l	98
64) Tetrachloroethene	10.87	164	46917	19.697	ug/l	96
65) Chlorobenzene	11.66	112	143043	19.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49604	19.044	ug/l	99
67) Ethyl Benzene	11.73	91	267003	19.588	ug/l	96
68) m/p-Xylenes	11.84	106	202555	39.558	ug/l	99
69) o-Xylene	12.17	106	90748	19.416	ug/l	99
70) Styrene	12.18	104	156829	19.501	ug/l	99
71) Bromoform	12.35	173	21858	18.385	ug/l	# 97
73) Isopropylbenzene	12.46	105	255134	19.172	ug/l	100
74) N-amyl acetate	12.27	43	54398	19.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42837	19.373	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31862m	19.192	ug/l	
77) Bromobenzene	12.75	156	57750	19.354	ug/l	96
78) n-propylbenzene	12.80	91	319347	19.771	ug/l	99
79) 2-Chlorotoluene	12.90	91	179293	19.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	223363	19.693	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12311	19.283	ug/l	96
82) 4-Chlorotoluene	12.99	91	188662	19.613	ug/l	100
83) tert-Butylbenzene	13.21	119	181889	19.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	227869	20.118	ug/l	98
85) sec-Butylbenzene	13.38	105	270990	19.928	ug/l	100
86) p-Isopropyltoluene	13.50	119	249355	20.081	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	117346	19.618	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112457	19.205	ug/l	98
89) n-Butylbenzene	13.82	91	240198	20.213	ug/l	99
90) Hexachloroethane	14.10	117	42726	18.983	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	101045	19.499	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6894	19.513	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.14	180	65298	19.987	ug/l	97
94) Hexachlorobutadiene	15.24	225	41949	20.223	ug/l	95
95) Naphthalene	15.37	128	111607	20.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58424	21.016	ug/l	99

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

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