

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015825.D
 Acq On : 09 Jul 2020 13:42
 Operator : SY/VA
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Quant Time: Jul 10 06:12:22 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	208403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158063	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	99433	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
35) Dibromofluoromethane	7.89	113	88506	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	
50) Toluene-d8	10.32	98	346204	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
62) 4-Bromofluorobenzene	12.62	95	132324	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	24028	21.892	ug/l	97
3) Chloromethane	2.21	50	29760	19.966	ug/l	98
4) Vinyl Chloride	2.37	62	49861	21.665	ug/l	98
5) Bromomethane	2.78	94	36298	20.612	ug/l	91
6) Chloroethane	2.93	64	32804	21.120	ug/l	99
7) Trichlorofluoromethane	3.26	101	35677	21.570	ug/l	93
8) Diethyl Ether	3.68	74	20683	20.069	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41694	21.534	ug/l	99
10) Methyl Iodide	4.28	142	55790	20.609	ug/l	98
11) Tert butyl alcohol	5.18	59	14512	126.567	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	40754	21.409	ug/l	97
13) Acrolein	3.89	56	13613	91.441	ug/l	99
14) Allyl chloride	4.67	41	63242	20.440	ug/l	99
15) Acrylonitrile	5.38	53	41289	102.471	ug/l	100
16) Acetone	4.12	43	42475	105.780	ug/l	95
17) Carbon Disulfide	4.38	76	117130	20.684	ug/l	98
18) Methyl Acetate	4.68	43	18978	20.768	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	58697	20.602	ug/l	95
20) Methylene Chloride	4.92	84	50671	22.014	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	45235	20.516	ug/l	98
22) Diisopropyl ether	6.32	45	128051	20.537	ug/l	97
23) Vinyl Acetate	6.26	43	368531	99.373	ug/l	99
24) 1,1-Dichloroethane	6.21	63	81430	20.628	ug/l	99
25) 2-Butanone	7.18	43	55464	101.759	ug/l	99
26) 2,2-Dichloropropane	7.17	77	51231	20.686	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	49023	20.706	ug/l	99
28) Bromochloromethane	7.52	49	34058	21.763	ug/l	98
29) Tetrahydrofuran	7.54	42	33764	102.082	ug/l	100
30) Chloroform	7.68	83	82464	20.435	ug/l	97
31) Cyclohexane	7.96	56	77204	20.780	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	70309	20.778	ug/l	100
36) 1,1-Dichloropropene	8.09	75	67943	20.747	ug/l	100
37) Ethyl Acetate	7.26	43	24883	19.555	ug/l	99
38) Carbon Tetrachloride	8.07	117	63659	20.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80649	20.870	ug/l	98
40) Benzene	8.32	78	184607	20.579	ug/l	98
41) Methacrylonitrile	7.48	41	15038	20.817	ug/l	96
42) 1,2-Dichloroethane	8.40	62	55902	20.023	ug/l	99
43) Isopropyl Acetate	8.43	43	48887	19.683	ug/l	99
44) Trichloroethene	9.10	130	48050	20.251	ug/l	99
45) 1,2-Dichloropropane	9.37	63	44383	20.129	ug/l	96
46) Dibromomethane	9.46	93	23067	20.320	ug/l	98
47) Bromodichloromethane	9.65	83	58815	20.031	ug/l	99
48) Methyl methacrylate	9.44	41	22087	19.403	ug/l	97
49) 1,4-Dioxane	9.45	88	5845	416.470	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	119277	98.412	ug/l	100
52) Toluene	10.39	92	118884	20.594	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54667	19.404	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	66726	19.800	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	32099	20.392	ug/l	99
56) Ethyl methacrylate	10.65	69	38158	19.718	ug/l	97
57) 1,3-Dichloropropane	10.93	76	56624	20.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	88131	93.202	ug/l	100
59) 2-Hexanone	10.97	43	81910	101.268	ug/l	99
60) Dibromochloromethane	11.13	129	36370	20.006	ug/l	96
61) 1,2-Dibromoethane	11.24	107	30254	20.087	ug/l	97
64) Tetrachloroethene	10.87	164	39850	20.461	ug/l	95
65) Chlorobenzene	11.66	112	125098	20.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	42961	20.171	ug/l	99
67) Ethyl Benzene	11.73	91	231657	20.785	ug/l	97
68) m/p-Xylenes	11.84	106	174857	41.764	ug/l	100
69) o-Xylene	12.17	106	79600	20.828	ug/l	98
70) Styrene	12.18	104	137620	20.928	ug/l	100
71) Bromoform	12.35	173	18941	19.484	ug/l #	99
73) Isopropylbenzene	12.47	105	225805	20.278	ug/l	99
74) N-amyl acetate	12.27	43	46132	19.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	35944	19.427	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26520m	19.091	ug/l	
77) Bromobenzene	12.75	156	49457	19.808	ug/l	99
78) n-propylbenzene	12.80	91	276046	20.424	ug/l	99
79) 2-Chlorotoluene	12.90	91	155916	20.228	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	197585	20.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9538	18.130	ug/l	91
82) 4-Chlorotoluene	12.99	91	166860	20.731	ug/l	100
83) tert-Butylbenzene	13.21	119	161580	20.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	197494	20.837	ug/l	100
85) sec-Butylbenzene	13.38	105	239696	21.065	ug/l	100
86) p-Isopropyltoluene	13.50	119	215205	20.711	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	102022	20.384	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	101431	20.701	ug/l	99
89) n-Butylbenzene	13.83	91	210537	21.173	ug/l	99
90) Hexachloroethane	14.10	117	36906	19.596	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	90030	20.762	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5729	19.379	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	57973	21.206	ug/l	98
94) Hexachlorobutadiene	15.24	225	36275	20.899	ug/l	97
95) Naphthalene	15.37	128	91254	19.677	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	49161	21.133	ug/l	99

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

