

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015795.D
 Acq On : 07 Jul 2020 17:18
 Operator : SY/VA
 Sample : VW0707SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0707SBS01

Quant Time: Jul 08 09:08:40 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	218485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109181	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.89	113	97023	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	10.32	98	376778	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	12.62	95	140545	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27343	23.763	ug/l	95
3) Chloromethane	2.21	50	30950	19.806	ug/l	95
4) Vinyl Chloride	2.37	62	52238	21.651	ug/l	97
5) Bromomethane	2.78	94	41151	22.290	ug/l	97
6) Chloroethane	2.92	64	34784	21.362	ug/l	95
7) Trichlorofluoromethane	3.26	101	37802	21.800	ug/l	99
8) Diethyl Ether	3.68	74	21847	20.221	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43739	21.548	ug/l	99
10) Methyl Iodide	4.27	142	59813	21.075	ug/l	100
11) Tert butyl alcohol	5.21	59	12180	100.064	ug/l	96
12) 1,1-Dichloroethene	4.03	96	43409	21.751	ug/l	95
13) Acrolein	3.90	56	16071	102.970	ug/l	97
14) Allyl chloride	4.67	41	68726	21.187	ug/l	99
15) Acrylonitrile	5.37	53	44513	105.374	ug/l	100
16) Acetone	4.13	43	40570	96.373	ug/l	97
17) Carbon Disulfide	4.38	76	125680	21.170	ug/l	99
18) Methyl Acetate	4.68	43	20015	20.892	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	66245	22.178	ug/l	97
20) Methylene Chloride	4.92	84	64780	27.946	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	49418	21.379	ug/l	97
22) Diisopropyl ether	6.32	45	140660	21.519	ug/l	99
23) Vinyl Acetate	6.26	43	412630	106.130	ug/l	99
24) 1,1-Dichloroethane	6.22	63	89415	21.605	ug/l	99
25) 2-Butanone	7.18	43	59230	103.654	ug/l	100
26) 2,2-Dichloropropane	7.17	77	57078	21.984	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	52675	21.222	ug/l	96
28) Bromochloromethane	7.51	49	34512	21.035	ug/l	99
29) Tetrahydrofuran	7.54	42	35683	102.906	ug/l	99
30) Chloroform	7.68	83	90389	21.365	ug/l	98
31) Cyclohexane	7.96	56	82907	21.285	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	75747	21.352	ug/l	99
36) 1,1-Dichloropropene	8.09	75	73291	21.259	ug/l	100
37) Ethyl Acetate	7.26	43	27091	20.224	ug/l	98
38) Carbon Tetrachloride	8.07	117	69222	20.751	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87958	21.622	ug/l	99
40) Benzene	8.33	78	199175	21.091	ug/l	99
41) Methacrylonitrile	7.49	41	14395	18.928	ug/l	93
42) 1,2-Dichloroethane	8.40	62	61250	20.839	ug/l	99
43) Isopropyl Acetate	8.43	43	54778	20.950	ug/l	99
44) Trichloroethene	9.09	130	52744	21.116	ug/l	93
45) 1,2-Dichloropropane	9.37	63	48632	20.951	ug/l	97
46) Dibromomethane	9.46	93	24568	20.558	ug/l	99
47) Bromodichloromethane	9.65	83	63345	20.493	ug/l	99
48) Methyl methacrylate	9.44	41	24496	20.442	ug/l	98
49) 1,4-Dioxane	9.46	88	5780	391.210	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	129721	101.668	ug/l	100
52) Toluene	10.39	92	127480	20.977	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	60624	20.441	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	73311	20.664	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33749	20.366	ug/l	94
56) Ethyl methacrylate	10.65	69	41233	20.239	ug/l	95
57) 1,3-Dichloropropane	10.93	76	61826	21.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	100133	100.591	ug/l	100
59) 2-Hexanone	10.97	43	87485	102.743	ug/l	99
60) Dibromochloromethane	11.13	129	39206	20.486	ug/l	99
61) 1,2-Dibromoethane	11.24	107	32819	20.698	ug/l	97
64) Tetrachloroethene	10.87	164	42507	21.110	ug/l	96
65) Chlorobenzene	11.66	112	132833	21.347	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	46113	20.941	ug/l	98
67) Ethyl Benzene	11.73	91	245804	21.331	ug/l	94
68) m/p-Xylenes	11.84	106	188871	43.632	ug/l	99
69) o-Xylene	12.17	106	84742	21.447	ug/l	100
70) Styrene	12.18	104	147086	21.634	ug/l	99
71) Bromoform	12.35	173	19858	19.757	ug/l #	97
73) Isopropylbenzene	12.47	105	237669	21.176	ug/l	100
74) N-amyl acetate	12.27	43	49150	20.469	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38788	20.799	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28793m	20.564	ug/l	
77) Bromobenzene	12.75	156	52648	20.920	ug/l	96
78) n-propylbenzene	12.80	91	290825	21.348	ug/l	100
79) 2-Chlorotoluene	12.90	91	166690	21.456	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	206319	21.568	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	10483	19.433	ug/l	92
82) 4-Chlorotoluene	12.99	91	171472	21.136	ug/l	99
83) tert-Butylbenzene	13.21	119	168924	21.271	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	205583	21.520	ug/l	100
85) sec-Butylbenzene	13.38	105	246820	21.520	ug/l	100
86) p-Isopropyltoluene	13.50	119	224607	21.446	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107595	21.328	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105298	21.321	ug/l	99
89) n-Butylbenzene	13.83	91	217842	21.735	ug/l	98
90) Hexachloroethane	14.10	117	39357	20.733	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	91220	20.871	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6152	20.646	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	56864	20.637	ug/l	99
94) Hexachlorobutadiene	15.24	225	35645	20.375	ug/l	97
95) Naphthalene	15.37	128	92146	19.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	48696	20.769	ug/l	98

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

