

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011637.D
 Acq On : 02 Aug 2019 23:58
 Operator : SY/VA
 Sample : VW0803SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 9:20:04 AM

Quant Time: Aug 04 00:32:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144235	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
35) Dibromofluoromethane	7.88	113	113384	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.32	98	453322	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	164597	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30903	25.107	ug/l	95
3) Chloromethane	2.21	50	43573	20.415	ug/l	96
4) Vinyl Chloride	2.36	62	53338	20.757	ug/l	99
5) Bromomethane	2.76	94	29341	20.629	ug/l	94
6) Chloroethane	2.92	64	29557	20.137	ug/l	98
7) Trichlorofluoromethane	3.25	101	20551	17.895	ug/l	96
8) Diethyl Ether	3.68	74	29084	22.337	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45972	21.103	ug/l	99
10) Methyl Iodide	4.27	142	65810	21.377	ug/l	99
11) Tert butyl alcohol	5.17	59	23366	115.232	ug/l	99
12) 1,1-Dichloroethene	4.04	96	47036	20.449	ug/l	99
13) Acrolein	3.90	56	16601	91.230	ug/l	97
14) Allyl chloride	4.67	41	99271	20.292	ug/l	99
15) Acrylonitrile	5.37	53	72682	111.823	ug/l	99
16) Acetone	4.12	43	64682	80.180	ug/l	97
17) Carbon Disulfide	4.39	76	143263	19.900	ug/l	98
18) Methyl Acetate	4.67	43	44447	24.526	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	82377	22.569	ug/l	95
20) Methylene Chloride	4.92	84	59610	21.426	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	53528	21.586	ug/l	97
22) Diisopropyl ether	6.31	45	205353	22.264	ug/l	99
23) Vinyl Acetate	6.25	43	623196	107.528	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107170	21.695	ug/l	98
25) 2-Butanone	7.17	43	104464	98.961	ug/l	98
26) 2,2-Dichloropropane	7.17	77	56517	18.604	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58582	21.465	ug/l	98
28) Bromochloromethane	7.51	49	51074	23.294	ug/l #	99
29) Tetrahydrofuran	7.53	42	67819	112.396	ug/l	99
30) Chloroform	7.67	83	100438	22.039	ug/l	99
31) Cyclohexane	7.95	56	94843	20.002	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	73880	21.287	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77875	19.929	ug/l	99
37) Ethyl Acetate	7.25	43	48660	21.644	ug/l	99
38) Carbon Tetrachloride	8.07	117	66571	19.900	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83219	19.340	ug/l	98
40) Benzene	8.32	78	224347	20.496	ug/l	100
41) Methacrylonitrile	7.48	41	31274	23.271	ug/l	95
42) 1,2-Dichloroethane	8.40	62	74339	21.693	ug/l	99
43) Isopropyl Acetate	8.42	43	87820	21.240	ug/l	99
44) Trichloroethene	9.09	130	52448	19.936	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62183	21.232	ug/l	98
46) Dibromomethane	9.46	93	28643	21.428	ug/l	100
47) Bromodichloromethane	9.65	83	72449	20.662	ug/l	99
48) Methyl methacrylate	9.44	41	42180	21.237	ug/l	99
49) 1,4-Dioxane	9.45	88	8296	428.629	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	232105	107.925	ug/l	100
52) Toluene	10.39	92	136833	20.701	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	73843	20.160	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	88452	20.310	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40582	21.397	ug/l	97
56) Ethyl methacrylate	10.65	69	57889	20.858	ug/l	97
57) 1,3-Dichloropropane	10.93	76	76769	21.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	145950	115.823	ug/l	99
59) 2-Hexanone	10.97	43	154219	101.562	ug/l	99
60) Dibromochloromethane	11.13	129	44190	20.990	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38295	21.336	ug/l	98
64) Tetrachloroethene	10.86	164	45827	21.146	ug/l	95
65) Chlorobenzene	11.66	112	138880	20.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49228	21.120	ug/l	99
67) Ethyl Benzene	11.73	91	260497	20.440	ug/l	100
68) m/p-Xylenes	11.84	106	188396	40.648	ug/l	100
69) o-Xylene	12.16	106	89503	20.781	ug/l	99
70) Styrene	12.18	104	155262	20.850	ug/l	100
71) Bromoform	12.35	173	25692	21.619	ug/l	98
73) Isopropylbenzene	12.46	105	241546	19.996	ug/l	100
74) N-amyl acetate	12.27	43	79431	21.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48782	21.469	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	42177m	24.618	ug/l	
77) Bromobenzene	12.74	156	56515	21.167	ug/l	99
78) n-propylbenzene	12.80	91	291415	19.823	ug/l	99
79) 2-Chlorotoluene	12.89	91	172550	20.374	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	206583	20.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14108	18.978	ug/l	95
82) 4-Chlorotoluene	12.99	91	181722	20.451	ug/l	99
83) tert-Butylbenzene	13.21	119	172394	20.359	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	210701	20.657	ug/l	99
85) sec-Butylbenzene	13.38	105	240608	19.914	ug/l	100
86) p-Isopropyltoluene	13.50	119	217839	19.872	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	105417	20.136	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105097	20.181	ug/l	99
89) n-Butylbenzene	13.82	91	206831	18.906	ug/l	99
90) Hexachloroethane	14.09	117	39384	20.317	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	96770	20.899	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8124	20.967	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	63838	19.563	ug/l	99
94) Hexachlorobutadiene	15.24	225	39640	19.479	ug/l	97
95) Naphthalene	15.36	128	117579	19.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57050	19.944	ug/l	99

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

