

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010458.D
 Acq On : 20 May 2019 20:33
 Operator : SY/VA
 Sample : VW0520SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:29:02 AM

Quant Time: May 21 07:02:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	238761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	77431	57.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.08%	
35) Dibromofluoromethane	7.88	113	76145	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.32	98	296121	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.62	95	115493	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	19905	16.801	ug/l	98
3) Chloromethane	2.21	50	24890	18.011	ug/l	97
4) Vinyl Chloride	2.35	62	28365	17.720	ug/l	99
5) Bromomethane	2.73	94	21507	19.530	ug/l	100
6) Chloroethane	2.90	64	19891	19.357	ug/l	97
7) Trichlorofluoromethane	3.24	101	45414	19.217	ug/l	100
8) Diethyl Ether	3.68	74	15620	20.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	28451	19.549	ug/l	99
10) Methyl Iodide	4.26	142	27057	16.265	ug/l	98
11) Tert butyl alcohol	5.17	59	12706	104.049	ug/l	95
12) 1,1-Dichloroethene	4.03	96	27335	19.676	ug/l	97
13) Acrolein	3.89	56	10161	132.295	ug/l	94
14) Allyl chloride	4.67	41	40166	19.973	ug/l	98
15) Acrylonitrile	5.37	53	32840	104.673	ug/l	99
16) Acetone	4.12	43	27511	99.276	ug/l	99
17) Carbon Disulfide	4.37	76	77769	18.767	ug/l	99
18) Methyl Acetate	4.67	43	15608	23.029	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	74813	21.123	ug/l	95
20) Methylene Chloride	4.92	84	34360	17.873	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	32109	20.149	ug/l	93
22) Diisopropyl ether	6.31	45	84628	20.523	ug/l	98
23) Vinyl Acetate	6.26	43	244982	99.460	ug/l	99
24) 1,1-Dichloroethane	6.21	63	49967	20.306	ug/l	98
25) 2-Butanone	7.17	43	42129	106.231	ug/l	100
26) 2,2-Dichloropropane	7.17	77	45364	19.354	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	35540	20.514	ug/l	99
28) Bromochloromethane	7.51	49	19734	22.399	ug/l #	7
29) Tetrahydrofuran	7.53	42	28047	104.514	ug/l	99
30) Chloroform	7.68	83	54497	20.532	ug/l	98
31) Cyclohexane	7.95	56	49373	19.155	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	51611	20.345	ug/l	98
36) 1,1-Dichloropropene	8.08	75	42396	19.061	ug/l	99
37) Ethyl Acetate	7.26	43	19146	20.243	ug/l	99
38) Carbon Tetrachloride	8.07	117	45423	18.932	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	56185	18.855	ug/l	97
40) Benzene	8.32	78	121454	19.646	ug/l	100
41) Methacrylonitrile	7.48	41	9124	16.235	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	35760	20.239	ug/l	100
43) Isopropyl Acetate	8.43	43	38142	20.186	ug/l	99
44) Trichloroethene	9.09	130	35454	19.318	ug/l	95
45) 1,2-Dichloropropane	9.37	63	28967	19.729	ug/l	98
46) Dibromomethane	9.46	93	16874	19.652	ug/l	98
47) Bromodichloromethane	9.65	83	42342	19.623	ug/l	97
48) Methyl methacrylate	9.43	41	16552	19.147	ug/l	96
49) 1,4-Dioxane	9.45	88	5898	420.493	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	96282	100.558	ug/l	100
52) Toluene	10.39	92	82928	19.975	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	41652	19.060	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	48775	19.543	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	25066	20.301	ug/l	98
56) Ethyl methacrylate	10.65	69	33556	19.705	ug/l	96
57) 1,3-Dichloropropane	10.93	76	41373	20.004	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	78646	104.269	ug/l	100
59) 2-Hexanone	10.97	43	67545	98.892	ug/l	100
60) Dibromochloromethane	11.13	129	30110	19.268	ug/l	100
61) 1,2-Dibromoethane	11.24	107	24819	19.843	ug/l	99
64) Tetrachloroethene	10.86	164	28920	19.388	ug/l	98
65) Chlorobenzene	11.66	112	88339	19.371	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	32181	19.699	ug/l	99
67) Ethyl Benzene	11.73	91	156399	19.425	ug/l	99
68) m/p-Xylenes	11.84	106	123568	39.128	ug/l	99
69) o-Xylene	12.16	106	58973	19.710	ug/l	100
70) Styrene	12.18	104	100095	19.717	ug/l	99
71) Bromoform	12.35	173	16940	18.831	ug/l #	97
73) Isopropylbenzene	12.47	105	158108	19.565	ug/l	100
74) N-amyl acetate	12.27	43	36548	19.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	28839	19.621	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	20803m	20.125	ug/l	
77) Bromobenzene	12.75	156	36121	19.974	ug/l	97
78) n-propylbenzene	12.80	91	182415	19.370	ug/l	99
79) 2-Chlorotoluene	12.90	91	108046	19.784	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	136014	19.873	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	9098	18.369	ug/l	98
82) 4-Chlorotoluene	12.99	91	112979	19.930	ug/l	98
83) tert-Butylbenzene	13.21	119	114538	19.159	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	135501	19.878	ug/l	100
85) sec-Butylbenzene	13.38	105	160977	19.241	ug/l	99
86) p-Isopropyltoluene	13.50	119	146397	19.332	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	69783	19.669	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	70156	19.708	ug/l	99
89) n-Butylbenzene	13.83	91	136926	19.010	ug/l	100
90) Hexachloroethane	14.10	117	28596	19.509	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	63303	19.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5326	19.487	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	40727	18.516	ug/l	99
94) Hexachlorobutadiene	15.24	225	21757	18.516	ug/l	97
95) Naphthalene	15.37	128	87200	18.886	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	35600	18.810	ug/l	99

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

