

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007106.D
 Acq On : 28 Nov 2018 12:10
 Operator : VAY/AP
 Sample : VW1128SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

Manual Integrations
 APPROVED

apatel
 11/29/2018 12:19:22 PM

Quant Time: Nov 29 12:13:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	109331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	168235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52978	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.88	113	48921	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.32	98	215871	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	84090	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	25915	24.007	ug/l	95
3) Chloromethane	2.21	50	20473	22.758	ug/l	94
4) Vinyl Chloride	2.36	62	19240	21.738	ug/l	98
5) Bromomethane	2.78	94	11123	23.545	ug/l	89
6) Chloroethane	2.92	64	10811	22.158	ug/l	93
7) Trichlorofluoromethane	3.26	101	39819	22.879	ug/l	96
8) Diethyl Ether	3.69	74	12303	21.938	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26502	23.488	ug/l	99
10) Methyl Iodide	4.28	142	24094	18.654	ug/l	98
11) Tert butyl alcohol	5.21	59	7596	109.012	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	22079	22.311	ug/l	96
13) Acrolein	3.90	56	6824	95.362	ug/l	96
14) Allyl chloride	4.67	41	35340	21.531	ug/l	99
15) Acrylonitrile	5.37	53	21974	104.252	ug/l	99
16) Acetone	4.14	43	15884	102.210	ug/l	98
17) Carbon Disulfide	4.39	76	69355	21.678	ug/l	97
18) Methyl Acetate	4.68	43	10955	19.795	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	56991	22.056	ug/l	99
20) Methylene Chloride	4.92	84	27317	18.674	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	25199	21.859	ug/l	94
22) Diisopropyl ether	6.32	45	67725	21.199	ug/l	99
23) Vinyl Acetate	6.26	43	191180	112.688	ug/l	99
24) 1,1-Dichloroethane	6.21	63	41469	21.337	ug/l	100
25) 2-Butanone	7.18	43	27782	104.378	ug/l	96
26) 2,2-Dichloropropane	7.17	77	42365	24.240	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	26899	21.912	ug/l	98
28) Bromochloromethane	7.51	49	12883	17.736	ug/l #	99
29) Tetrahydrofuran	7.54	42	17337	100.572	ug/l	99
30) Chloroform	7.68	83	43877	21.250	ug/l	98
31) Cyclohexane	7.96	56	46895	22.748	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	44110	23.718	ug/l	99
36) 1,1-Dichloropropene	8.09	75	38166	23.215	ug/l	99
37) Ethyl Acetate	7.26	43	12625	21.192	ug/l	97
38) Carbon Tetrachloride	8.07	117	39090	24.830	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	47059	22.874	ug/l	98
40) Benzene	8.32	78	98333	22.158	ug/l	98
41) Methacrylonitrile	7.49	41	8022	21.683	ug/l	95
42) 1,2-Dichloroethane	8.40	62	27917	21.668	ug/l	99
43) Isopropyl Acetate	8.43	43	24574	21.646	ug/l	99
44) Trichloroethene	9.09	130	29119	23.407	ug/l	92
45) 1,2-Dichloropropane	9.37	63	24224	22.144	ug/l	97
46) Dibromomethane	9.46	93	11917	21.753	ug/l	99
47) Bromodichloromethane	9.65	83	32851	22.760	ug/l	97
48) Methyl methacrylate	9.44	41	12399	22.650	ug/l	96
49) 1,4-Dioxane	9.47	88	3480	427.394	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	58926	102.708	ug/l	100
52) Toluene	10.39	92	67332	22.295	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	31540	22.558	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	37944	22.462	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17810	22.097	ug/l	97
56) Ethyl methacrylate	10.65	69	20215	21.607	ug/l	96
57) 1,3-Dichloropropane	10.93	76	29191	21.612	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	50475	103.244	ug/l	99
59) 2-Hexanone	10.97	43	41378	105.319	ug/l	99
60) Dibromochloromethane	11.13	129	20618	22.450	ug/l	99
61) 1,2-Dibromoethane	11.24	107	16389	22.228	ug/l	98
64) Tetrachloroethene	10.86	164	22774	22.683	ug/l	99
65) Chlorobenzene	11.66	112	72773	22.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22636	22.972	ug/l	99
67) Ethyl Benzene	11.73	91	134114	22.413	ug/l	99
68) m/p-Xylenes	11.84	106	105762	45.050	ug/l	99
69) o-Xylene	12.17	106	49308	22.275	ug/l	97
70) Styrene	12.18	104	79375	22.529	ug/l	99
71) Bromoform	12.35	173	10937	23.562	ug/l #	97
73) Isopropylbenzene	12.47	105	139494	22.466	ug/l	99
74) N-amyl acetate	12.27	43	22452	21.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	17406	21.064	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13634m	21.717	ug/l	
77) Bromobenzene	12.75	156	29064	21.793	ug/l	97
78) n-propylbenzene	12.81	91	166354	22.118	ug/l	100
79) 2-Chlorotoluene	12.90	91	94513	21.794	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	117669	21.915	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	5184	20.731	ug/l	95
82) 4-Chlorotoluene	12.99	91	100520	22.088	ug/l	99
83) tert-Butylbenzene	13.21	119	104042	22.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	117932	22.045	ug/l	99
85) sec-Butylbenzene	13.39	105	146369	22.287	ug/l	99
86) p-Isopropyltoluene	13.51	119	130196	22.472	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	60713	22.299	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	59344	21.861	ug/l	99
89) n-Butylbenzene	13.83	91	120760	22.148	ug/l	100
90) Hexachloroethane	14.10	117	19089	22.567	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	52836	22.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3001	21.503	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34294	21.800	ug/l	99
94) Hexachlorobutadiene	15.24	225	19781	23.130	ug/l	96
95) Naphthalene	15.38	128	59124	20.705	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27741	21.256	ug/l	98

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

