

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006735.D
 Acq On : 07 Nov 2018 14:49
 Operator : SY/AP
 Sample : VW1107SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1107SBS01

Manual Integrations
 APPROVED

apatel
 11/8/2018 11:03:23 AM

Quant Time: Nov 07 15:57:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	410580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120565	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.88	113	132685	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.33	98	500676	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	172624	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34603	22.393	ug/l	97
3) Chloromethane	2.22	50	41103	21.498	ug/l	94
4) Vinyl Chloride	2.37	62	61971	23.213	ug/l	98
5) Bromomethane	2.78	94	50608	22.589	ug/l	99
6) Chloroethane	2.93	64	42223	22.636	ug/l	96
7) Trichlorofluoromethane	3.26	101	56647	24.029	ug/l	98
8) Diethyl Ether	3.68	74	24321	18.873	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59239	23.532	ug/l	100
10) Methyl Iodide	4.27	142	93669	20.521	ug/l	99
11) Tert butyl alcohol	5.21	59	14406	104.349	ug/l #	95
12) 1,1-Dichloroethene	4.04	96	53146	21.858	ug/l	95
13) Acrolein	3.90	56	13883	79.955	ug/l	94
14) Allyl chloride	4.67	41	66898	21.078	ug/l	99
15) Acrylonitrile	5.37	53	45592	98.670	ug/l	98
16) Acetone	4.14	43	52481	126.863	ug/l	99
17) Carbon Disulfide	4.37	76	153247	22.149	ug/l	100
18) Methyl Acetate	4.67	43	22289	18.737	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70457	19.468	ug/l	99
20) Methylene Chloride	4.91	84	57447	17.551	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	58659	21.321	ug/l	96
22) Diisopropyl ether	6.32	45	138866	20.988	ug/l	99
23) Vinyl Acetate	6.26	43	367346	100.117	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96729	21.571	ug/l	98
25) 2-Butanone	7.18	43	65166	110.393	ug/l	98
26) 2,2-Dichloropropane	7.16	77	66210	24.511	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	64877	21.077	ug/l	98
28) Bromochloromethane	7.51	49	35476	19.923	ug/l	99
29) Tetrahydrofuran	7.54	42	35365	95.248	ug/l	99
30) Chloroform	7.68	83	104095	21.173	ug/l	99
31) Cyclohexane	7.96	56	89249	21.868	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	93659	22.513	ug/l	99
36) 1,1-Dichloropropene	8.09	75	82745	22.917	ug/l	99
37) Ethyl Acetate	7.26	43	25992	20.773	ug/l	99
38) Carbon Tetrachloride	8.07	117	89243	23.654	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107615	23.486	ug/l	99
40) Benzene	8.33	78	232808	22.701	ug/l	100
41) Methacrylonitrile	7.49	41	16423	21.405	ug/l	95
42) 1,2-Dichloroethane	8.40	62	61136	20.786	ug/l	99
43) Isopropyl Acetate	8.43	43	49985	20.019	ug/l	99
44) Trichloroethene	9.10	130	69160	21.853	ug/l	97
45) 1,2-Dichloropropane	9.37	63	52424	21.965	ug/l	94
46) Dibromomethane	9.46	93	28895	20.595	ug/l	100
47) Bromodichloromethane	9.65	83	70799	21.734	ug/l	99
48) Methyl methacrylate	9.44	41	23261	19.336	ug/l	97
49) 1,4-Dioxane	9.47	88	8521	415.004	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	126980	99.022	ug/l	98
52) Toluene	10.39	92	150493	21.878	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66907	21.341	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	78862	21.286	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41901	21.049	ug/l	99
56) Ethyl methacrylate	10.65	69	41854	18.499	ug/l	96
57) 1,3-Dichloropropane	10.94	76	67204	20.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	109451	99.516	ug/l	99
59) 2-Hexanone	10.98	43	94275	108.244	ug/l	98
60) Dibromochloromethane	11.13	129	48957	20.758	ug/l	98
61) 1,2-Dibromoethane	11.24	107	39641	20.053	ug/l	97
64) Tetrachloroethene	10.87	164	62461	21.242	ug/l	97
65) Chlorobenzene	11.66	112	172738	22.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	58888	21.585	ug/l	99
67) Ethyl Benzene	11.74	91	293420	22.616	ug/l	97
68) m/p-Xylenes	11.84	106	233074	44.966	ug/l	100
69) o-Xylene	12.17	106	107517	21.788	ug/l	99
70) Styrene	12.19	104	172619	21.456	ug/l	99
71) Bromoform	12.35	173	29839	20.633	ug/l #	99
73) Isopropylbenzene	12.47	105	304764	22.408	ug/l	100
74) N-amyl acetate	12.28	43	46543	19.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45428	21.148	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30421m	18.885	ug/l	
77) Bromobenzene	12.75	156	75705	21.498	ug/l	98
78) n-propylbenzene	12.81	91	358627	22.924	ug/l	99
79) 2-Chlorotoluene	12.90	91	199403	22.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	258920	22.660	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11741	20.532	ug/l	96
82) 4-Chlorotoluene	12.99	91	211936	22.313	ug/l	99
83) tert-Butylbenzene	13.21	119	230385	22.609	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	260643	22.239	ug/l	99
85) sec-Butylbenzene	13.39	105	329789	23.108	ug/l	100
86) p-Isopropyltoluene	13.51	119	296148	22.806	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	154812	22.323	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	154997	22.547	ug/l	99
89) n-Butylbenzene	13.83	91	276085	23.951	ug/l	98
90) Hexachloroethane	14.10	117	47746	22.371	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	135556	21.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6930	19.882	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	101057	21.786	ug/l	100
94) Hexachlorobutadiene	15.25	225	68020	23.529	ug/l	99
95) Naphthalene	15.38	128	146595	19.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	87385	21.435	ug/l	99

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

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