

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006792.D
 Acq On : 09 Nov 2018 18:07
 Operator : SY/AP
 Sample : VW1109SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:18 PM

Quant Time: Nov 12 05:02:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	313248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	418955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	234797	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	115232	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
35) Dibromofluoromethane	7.89	113	119862	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
50) Toluene-d8	10.33	98	499597	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	184785	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	60108	23.601	ug/l	100
3) Chloromethane	2.21	50	67669	22.132	ug/l	100
4) Vinyl Chloride	2.36	62	71379	22.206	ug/l	100
5) Bromomethane	2.78	94	47906	20.310	ug/l	97
6) Chloroethane	2.92	64	44752	21.274	ug/l	100
7) Trichlorofluoromethane	3.26	101	87787	21.736	ug/l	98
8) Diethyl Ether	3.69	74	26691	22.717	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	58546	21.816	ug/l	99
10) Methyl Iodide	4.28	142	86007	23.069	ug/l	99
11) Tert butyl alcohol	5.23	59	17939	118.722	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	49888	22.294	ug/l	95
13) Acrolein	3.90	56	18786	119.376	ug/l	97
14) Allyl chloride	4.68	41	65440	21.694	ug/l	99
15) Acrylonitrile	5.38	53	53025	112.747	ug/l	99
16) Acetone	4.15	43	37690	113.416	ug/l	99
17) Carbon Disulfide	4.39	76	157327	21.313	ug/l	100
18) Methyl Acetate	4.68	43	25420	21.798	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	129115	23.557	ug/l	100
20) Methylene Chloride	4.92	84	65683	20.974	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	57756	21.578	ug/l	99
22) Diisopropyl ether	6.32	45	143248	22.533	ug/l	97
23) Vinyl Acetate	6.26	43	426247	117.563	ug/l	100
24) 1,1-Dichloroethane	6.23	63	89503	21.522	ug/l	99
25) 2-Butanone	7.18	43	63861	116.388	ug/l	100
26) 2,2-Dichloropropane	7.17	77	85380	21.549	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	62617	21.833	ug/l	99
28) Bromochloromethane	7.52	49	31956	20.516	ug/l	99
29) Tetrahydrofuran	7.54	42	41399	115.117	ug/l	99
30) Chloroform	7.68	83	98186	21.308	ug/l	100
31) Cyclohexane	7.96	56	94287	22.014	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	95198	21.768	ug/l	99
36) 1,1-Dichloropropene	8.09	75	86260	22.690	ug/l	99
37) Ethyl Acetate	7.26	43	31117	23.048	ug/l	99
38) Carbon Tetrachloride	8.07	117	87926	21.647	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102970	21.273	ug/l	98
40) Benzene	8.33	78	230702	21.490	ug/l	98
41) Methacrylonitrile	7.49	41	16001	20.429	ug/l	98
42) 1,2-Dichloroethane	8.40	62	63440	21.710	ug/l	99
43) Isopropyl Acetate	8.43	43	57660	22.782	ug/l	100
44) Trichloroethene	9.09	130	73006	22.119	ug/l	96
45) 1,2-Dichloropropane	9.37	63	55788	22.127	ug/l	96
46) Dibromomethane	9.46	93	29954	21.161	ug/l	97
47) Bromodichloromethane	9.65	83	76271	22.205	ug/l	99
48) Methyl methacrylate	9.44	41	26413	22.159	ug/l	99
49) 1,4-Dioxane	9.48	88	8932	421.485	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	147227	113.223	ug/l	100
52) Toluene	10.39	92	161521	21.401	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	73983	22.213	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86875	22.000	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	46951	22.515	ug/l	99
56) Ethyl methacrylate	10.65	69	50583	21.967	ug/l	97
57) 1,3-Dichloropropane	10.93	76	73990	22.195	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	125325	109.285	ug/l	100
59) 2-Hexanone	10.98	43	101104	114.729	ug/l	99
60) Dibromochloromethane	11.13	129	54985	21.936	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43820	21.842	ug/l	99
64) Tetrachloroethene	10.87	164	66453	21.185	ug/l	99
65) Chlorobenzene	11.66	112	187303	21.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	60211	21.497	ug/l	99
67) Ethyl Benzene	11.74	91	316788	21.537	ug/l	99
68) m/p-Xylenes	11.85	106	260902	43.487	ug/l	100
69) o-Xylene	12.17	106	119587	21.651	ug/l	100
70) Styrene	12.18	104	194521	21.667	ug/l	99
71) Bromoform	12.35	173	33260	21.437	ug/l #	98
73) Isopropylbenzene	12.47	105	327011	21.646	ug/l	99
74) N-amyl acetate	12.28	43	54784	22.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49042	21.790	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30705m	17.932	ug/l	
77) Bromobenzene	12.75	156	85628	21.921	ug/l	99
78) n-propylbenzene	12.81	91	391818	21.828	ug/l	100
79) 2-Chlorotoluene	12.90	91	220595	21.815	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	284666	21.748	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13870	21.537	ug/l	95
82) 4-Chlorotoluene	12.99	91	234793	21.725	ug/l	99
83) tert-Butylbenzene	13.21	119	246687	21.811	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	290005	21.625	ug/l	100
85) sec-Butylbenzene	13.39	105	350558	21.656	ug/l	100
86) p-Isopropyltoluene	13.51	119	319791	21.658	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	168432	21.224	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	169812	21.484	ug/l	99
89) n-Butylbenzene	13.83	91	292915	21.494	ug/l	99
90) Hexachloroethane	14.10	117	49682	21.448	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	149271	21.501	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8085	22.247	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	110610	21.522	ug/l	99
94) Hexachlorobutadiene	15.24	225	68644	21.223	ug/l	99
95) Naphthalene	15.38	128	172394	21.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	96121	21.621	ug/l	99

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

