

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006136.D
 Acq On : 17 Oct 2018 19:28
 Operator : VA/AP
 Sample : J5539-08MS
 Misc : 8.44G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Manual Integrations
 APPROVED

apatel
 10/18/2018 4:36:55 PM

Quant Time: Oct 18 11:54:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	8274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	11558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	9386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3591	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.89	113	3308	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.33	98	12366	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.62	95	5269	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	2430	59.349	ug/l	93
3) Chloromethane	2.21	50	2777	52.689	ug/l	91
4) Vinyl Chloride	2.36	62	4595	61.049	ug/l	99
5) Bromomethane	2.78	94	2896	42.303	ug/l	89
6) Chloroethane	2.93	64	2449	45.403	ug/l	98
7) Trichlorofluoromethane	3.28	101	6971	99.419	ug/l	100
8) Diethyl Ether	3.69	74	1929	51.765	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.08	101	4450	60.559	ug/l	98
10) Methyl Iodide	4.29	142	6311	51.601	ug/l	98
11) Tert butyl alcohol	5.14	59	2215	480.125	ug/l #	81
12) 1,1-Dichloroethene	4.04	96	3979	57.556	ug/l	83
13) Acrolein	3.92	56	943	211.242	ug/l #	81
14) Allyl chloride	4.68	41	4691	47.457	ug/l	94
15) Acrylonitrile	5.38	53	5598	418.829	ug/l	99
16) Acetone	4.12	43	9845	797.431	ug/l	97
17) Carbon Disulfide	4.39	76	10814	51.830	ug/l	100
18) Methyl Acetate	4.67	43	3883	112.484	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	9491	90.137	ug/l	92
20) Methylene Chloride	4.92	84	4271	59.141	ug/l #	91
21) trans-1,2-Dichloroethene	5.43	96	4212	54.585	ug/l	95
22) Diisopropyl ether	6.31	45	9678	49.545	ug/l #	96
23) Vinyl Acetate	6.26	43	22205	192.619	ug/l	97
24) 1,1-Dichloroethane	6.21	63	6474	51.363	ug/l	97
25) 2-Butanone	7.17	43	8784	474.013	ug/l	98
26) 2,2-Dichloropropane	7.17	77	5813	65.389	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	4449	52.247	ug/l	98
28) Bromochloromethane	7.52	49	2766	56.843	ug/l	97
29) Tetrahydrofuran	7.53	42	4896	429.826	ug/l	96
30) Chloroform	7.68	83	6887	50.151	ug/l	97
31) Cyclohexane	7.96	56	5975	47.601	ug/l #	93
32) 1,1,1-Trichloroethane	7.88	97	6710	54.167	ug/l	99
36) 1,1-Dichloropropene	8.09	75	5561	52.200	ug/l	95
37) Ethyl Acetate	7.26	43	2728	68.922	ug/l	99
38) Carbon Tetrachloride	8.07	117	5869	50.254	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	6814	48.118	ug/l	96
40) Benzene	8.33	78	15324	52.439	ug/l	99
41) Methacrylonitrile	7.53	41	5030	210.805	ug/l #	39
42) 1,2-Dichloroethane	8.41	62	4964	57.818	ug/l	93
43) Isopropyl Acetate	8.43	43	5572	68.851	ug/l	94
44) Trichloroethene	9.10	130	4782	53.338	ug/l	98
45) 1,2-Dichloropropane	9.37	63	3469	49.608	ug/l	97
46) Dibromomethane	9.46	93	2329	58.436	ug/l	95
47) Bromodichloromethane	9.65	83	4512	46.695	ug/l	87
48) Methyl methacrylate	9.45	41	2448	63.814	ug/l #	79
49) 1,4-Dioxane	9.45	88	874	1424.469	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	15773	388.992	ug/l	99
52) Toluene	10.39	92	9340	47.674	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	3744	38.890	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	4602	41.650	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	5283	94.722	ug/l	91
56) Ethyl methacrylate	10.65	69	8337	121.932	ug/l #	85
57) 1,3-Dichloropropane	10.93	76	5399	58.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	7938	303.832	ug/l	98
59) 2-Hexanone	10.98	43	15920	550.011	ug/l	77
60) Dibromochloromethane	11.13	129	3563	51.287	ug/l	85
61) 1,2-Dibromoethane	11.24	107	3023	54.246	ug/l	89
64) Tetrachloroethene	10.87	164	3791	52.028	ug/l	95
65) Chlorobenzene	11.66	112	9723	48.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	3281	45.949	ug/l	95
67) Ethyl Benzene	11.74	91	16201	46.526	ug/l	95
68) m/p-Xylenes	11.85	106	11811	85.816	ug/l	97
69) o-Xylene	12.18	106	5835	44.485	ug/l	95
70) Styrene	12.19	104	8389	39.330	ug/l	96
71) Bromoform	12.35	173	1791	44.969	ug/l #	96
73) Isopropylbenzene	12.47	105	14645	44.948	ug/l	100
74) N-amyl acetate	12.26	43	10082	159.314	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.72	83	6420	129.550	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	3018m	85.674	ug/l	
77) Bromobenzene	12.75	156	3817	47.829	ug/l	81
78) n-propylbenzene	12.81	91	15057	39.721	ug/l	97
79) 2-Chlorotoluene	12.90	91	9689	45.492	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	9994	36.385	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	721	48.925	ug/l #	1
82) 4-Chlorotoluene	12.99	91	9194	41.209	ug/l	98
83) tert-Butylbenzene	13.21	119	9766	39.739	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	10089	36.298	ug/l	98
85) sec-Butylbenzene	13.39	105	14706	42.358	ug/l	86
86) p-Isopropyltoluene	13.51	119	8996	28.647	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	5557	34.988	ug/l #	52
88) 1,4-Dichlorobenzene	13.58	146	5565	35.191	ug/l #	62
89) n-Butylbenzene	13.83	91	8382	29.186	ug/l	91
90) Hexachloroethane	14.10	117	1382	25.982	ug/l	88
91) 1,2-Dichlorobenzene	13.88	146	5571	39.323	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	14.49	75	513	57.818	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	1755	16.100	ug/l #	1
94) Hexachlorobutadiene	15.24	225	775	11.318	ug/l	91
95) Naphthalene	15.38	128	6015	33.171	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.57	180	1721	18.253	ug/l #	79

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

