

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006522.D
 Acq On : 31 Oct 2018 13:35
 Operator : SY/AP
 Sample : VW1101SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 1:37:15 PM

Quant Time: Oct 31 15:26:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	79872	76.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.90%	
35) Dibromofluoromethane	7.88	113	87742	86.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.46%	
50) Toluene-d8	10.33	98	325069	84.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.90%	
62) 4-Bromofluorobenzene	12.62	95	122519	84.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	17884	28.678	ug/l	93
3) Chloromethane	2.22	50	25759	32.089	ug/l	98
4) Vinyl Chloride	2.37	62	38746	33.798	ug/l	99
5) Bromomethane	2.79	94	35820	34.353	ug/l	96
6) Chloroethane	2.93	64	28832	35.095	ug/l	96
7) Trichlorofluoromethane	3.26	101	41366	38.734	ug/l	96
8) Diethyl Ether	3.68	74	21533	37.939	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42460	37.938	ug/l	99
10) Methyl Iodide	4.27	142	67678	36.332	ug/l	99
11) Tert butyl alcohol	5.22	59	11210	159.537	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	38287	36.362	ug/l	93
13) Acrolein	3.90	56	10801	158.858	ug/l	97
14) Allyl chloride	4.67	41	50301	33.411	ug/l	98
15) Acrylonitrile	5.38	53	35321	173.505	ug/l	99
16) Acetone	4.14	43	41775	210.810	ug/l	97
17) Carbon Disulfide	4.37	76	98507	30.998	ug/l	99
18) Methyl Acetate	4.68	43	18190	34.596	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	55910	34.863	ug/l	99
20) Methylene Chloride	4.92	84	46912	42.181	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	43647	37.137	ug/l	97
22) Diisopropyl ether	6.32	45	107247	36.047	ug/l	98
23) Vinyl Acetate	6.26	43	280678	159.857	ug/l	98
24) 1,1-Dichloroethane	6.22	63	71659	37.327	ug/l	100
25) 2-Butanone	7.18	43	50120	177.576	ug/l	99
26) 2,2-Dichloropropane	7.17	77	51280	37.873	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48490	37.387	ug/l	99
28) Bromochloromethane	7.51	49	23551	31.777	ug/l	94
29) Tetrahydrofuran	7.54	42	27617	159.186	ug/l	97
30) Chloroform	7.68	83	79599	38.057	ug/l	98
31) Cyclohexane	7.96	56	63271	33.095	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	70624	37.432	ug/l	99
36) 1,1-Dichloropropene	8.09	75	63086	39.975	ug/l	99
37) Ethyl Acetate	7.26	43	20404	34.799	ug/l	99
38) Carbon Tetrachloride	8.07	117	67810	39.196	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78328	37.339	ug/l	98
40) Benzene	8.33	78	173296	40.032	ug/l	100
41) Methacrylonitrile	7.49	41	11930	33.752	ug/l	96
42) 1,2-Dichloroethane	8.40	62	48860	38.417	ug/l	100
43) Isopropyl Acetate	8.43	43	38164	31.834	ug/l	97
44) Trichloroethene	9.10	130	52961	39.877	ug/l	98
45) 1,2-Dichloropropane	9.37	63	40252	38.858	ug/l	99
46) Dibromomethane	9.46	93	22753	38.538	ug/l	98
47) Bromodichloromethane	9.65	83	53394	37.302	ug/l	99
48) Methyl methacrylate	9.44	41	18532	32.611	ug/l	94
49) 1,4-Dioxane	9.48	88	6658	732.532	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	100623	167.519	ug/l	98
52) Toluene	10.39	92	114755	39.541	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51733	36.275	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	61345	37.479	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	32908	39.830	ug/l	96
56) Ethyl methacrylate	10.65	69	34183	33.749	ug/l	95
57) 1,3-Dichloropropane	10.94	76	51945	37.980	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	71321	184.281	ug/l	98
59) 2-Hexanone	10.98	43	74841	174.546	ug/l	97
60) Dibromochloromethane	11.13	129	37875	36.803	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31919	38.665	ug/l	99
64) Tetrachloroethene	10.87	164	49531	40.239	ug/l	99
65) Chlorobenzene	11.66	112	135198	39.831	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	46768	38.771	ug/l	98
67) Ethyl Benzene	11.74	91	229280	38.977	ug/l	100
68) m/p-Xylenes	11.84	106	184551	79.375	ug/l	98
69) o-Xylene	12.17	106	86500	39.037	ug/l	96
70) Styrene	12.19	104	138755	38.508	ug/l	99
71) Bromoform	12.35	173	22952	34.113	ug/l #	99
73) Isopropylbenzene	12.47	105	244336	37.877	ug/l	100
74) N-amyl acetate	12.28	43	37444	29.885	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	35671	36.357	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	31827m	45.635	ug/l	
77) Bromobenzene	12.75	156	60549	38.322	ug/l	98
78) n-propylbenzene	12.81	91	286610	38.190	ug/l	100
79) 2-Chlorotoluene	12.90	91	159795	37.896	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	207967	38.242	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8985	30.796	ug/l	94
82) 4-Chlorotoluene	12.99	91	170973	38.707	ug/l	100
83) tert-Butylbenzene	13.21	119	184572	37.935	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	211258	38.390	ug/l	99
85) sec-Butylbenzene	13.39	105	264428	38.470	ug/l	99
86) p-Isopropyltoluene	13.51	119	240607	38.700	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	124481	39.587	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	123209	39.353	ug/l	98
89) n-Butylbenzene	13.83	91	218499	38.428	ug/l	99
90) Hexachloroethane	14.10	117	38802	36.845	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	109120	38.904	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5333	30.359	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82379	38.171	ug/l	100
94) Hexachlorobutadiene	15.24	225	55138	40.670	ug/l	99
95) Naphthalene	15.38	128	121695	33.897	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71083	38.079	ug/l	99

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

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