

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006526.D
 Acq On : 31 Oct 2018 15:18
 Operator : SY/AP
 Sample : VW1101SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 1:37:14 PM

Quant Time: Oct 31 16:34:57 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	249006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	92320	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	
35) Dibromofluoromethane	7.88	113	100852	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.33	98	369152	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.62	95	142052	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21146	17.161	ug/l	98
3) Chloromethane	2.21	50	29044	18.311	ug/l	99
4) Vinyl Chloride	2.37	62	45074	19.899	ug/l	98
5) Bromomethane	2.79	94	38210	18.546	ug/l	97
6) Chloroethane	2.93	64	32350	19.928	ug/l	96
7) Trichlorofluoromethane	3.26	101	41779	19.799	ug/l	100
8) Diethyl Ether	3.68	74	23180	20.669	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49685	22.467	ug/l	98
10) Methyl Iodide	4.27	142	80733	21.934	ug/l	98
11) Tert butyl alcohol	5.24	59	13649	98.308	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	45854	22.040	ug/l	97
13) Acrolein	3.90	56	12170	90.587	ug/l	89
14) Allyl chloride	4.67	41	59027	19.842	ug/l	97
15) Acrylonitrile	5.38	53	43746	108.755	ug/l	99
16) Acetone	4.14	43	49798	120.937	ug/l	99
17) Carbon Disulfide	4.38	76	111764	17.799	ug/l	99
18) Methyl Acetate	4.68	43	22443	21.603	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	68594	21.646	ug/l	100
20) Methylene Chloride	4.92	84	55864	24.753	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	50963	21.945	ug/l	99
22) Diisopropyl ether	6.32	45	126349	21.493	ug/l	96
23) Vinyl Acetate	6.26	43	345380	99.552	ug/l	98
24) 1,1-Dichloroethane	6.21	63	85027	22.415	ug/l	99
25) 2-Butanone	7.18	43	63540	113.933	ug/l	96
26) 2,2-Dichloropropane	7.17	77	57847	21.622	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58983	23.016	ug/l	97
28) Bromochloromethane	7.52	49	25950	17.720	ug/l	88
29) Tetrahydrofuran	7.54	42	34033	99.279	ug/l	97
30) Chloroform	7.68	83	95510	23.110	ug/l	100
31) Cyclohexane	7.95	56	73862	19.553	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	81909	21.971	ug/l	99
36) 1,1-Dichloropropene	8.09	75	72527	22.595	ug/l	100
37) Ethyl Acetate	7.26	43	24073	20.185	ug/l	95
38) Carbon Tetrachloride	8.07	117	76919	21.859	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90896	21.303	ug/l	98
40) Benzene	8.32	78	202317	22.978	ug/l	98
41) Methacrylonitrile	7.49	41	13608	18.928	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	57456	22.210	ug/l	98
43) Isopropyl Acetate	8.43	43	48703	19.973	ug/l	97
44) Trichloroethene	9.09	130	63232	23.408	ug/l	97
45) 1,2-Dichloropropane	9.37	63	48288	22.918	ug/l	98
46) Dibromomethane	9.46	93	27462	22.868	ug/l	96
47) Bromodichloromethane	9.65	83	64231	22.061	ug/l	99
48) Methyl methacrylate	9.44	41	22828	19.750	ug/l	91
49) 1,4-Dioxane	9.48	88	8144	440.525	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	127032	103.976	ug/l	97
52) Toluene	10.39	92	137308	23.260	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	62423	21.520	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	74022	22.234	ug/l	93
55) 1,1,2-Trichloroethane	10.79	97	40134	23.882	ug/l	98
56) Ethyl methacrylate	10.65	69	44433	21.568	ug/l	92
57) 1,3-Dichloropropane	10.93	76	64053	23.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	84437	107.262	ug/l	97
59) 2-Hexanone	10.98	43	95291	109.263	ug/l	97
60) Dibromochloromethane	11.13	129	47304	22.599	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39276	23.391	ug/l	99
64) Tetrachloroethene	10.87	164	57731	23.564	ug/l	97
65) Chlorobenzene	11.66	112	160846	23.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56532	23.546	ug/l	99
67) Ethyl Benzene	11.74	91	272091	23.239	ug/l	100
68) m/p-Xylenes	11.84	106	216262	46.731	ug/l	98
69) o-Xylene	12.17	106	103692	23.511	ug/l	96
70) Styrene	12.18	104	164384	22.920	ug/l	98
71) Bromoform	12.35	173	28127	21.003	ug/l #	97
73) Isopropylbenzene	12.47	105	289018	22.887	ug/l	99
74) N-amyl acetate	12.28	43	47602	19.408	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	44152	22.987	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34161m	25.021	ug/l	
77) Bromobenzene	12.75	156	73004	23.602	ug/l	96
78) n-propylbenzene	12.81	91	335425	22.831	ug/l	99
79) 2-Chlorotoluene	12.90	91	188892	22.883	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	243566	22.879	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11044	19.336	ug/l	97
82) 4-Chlorotoluene	12.99	91	199349	23.054	ug/l	100
83) tert-Butylbenzene	13.21	119	219581	23.053	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	248663	23.083	ug/l	99
85) sec-Butylbenzene	13.39	105	309248	22.982	ug/l	99
86) p-Isopropyltoluene	13.51	119	279539	22.967	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	144651	23.499	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	144583	23.590	ug/l	100
89) n-Butylbenzene	13.83	91	251747	22.617	ug/l	99
90) Hexachloroethane	14.10	117	43777	21.234	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	129959	23.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6602	19.198	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	97668	23.117	ug/l	99
94) Hexachlorobutadiene	15.24	225	63504	23.927	ug/l	100
95) Naphthalene	15.38	128	154431	21.973	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	85352	23.356	ug/l	100

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

