

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006677.D
 Acq On : 06 Nov 2018 10:39
 Operator : SY/AP
 Sample : VW1105SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Manual Integrations
 APPROVED

apatel
 11/6/2018 11:44:59 AM

Quant Time: Nov 06 11:11:23 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	251540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101415	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.88	113	109278	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.33	98	420266	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.62	95	151890	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27009	20.713	ug/l	98
3) Chloromethane	2.21	50	31837	19.733	ug/l	98
4) Vinyl Chloride	2.37	62	47244	20.971	ug/l	96
5) Bromomethane	2.79	94	38962	20.608	ug/l	95
6) Chloroethane	2.93	64	33186	21.083	ug/l	99
7) Trichlorofluoromethane	3.26	101	42898	21.564	ug/l	98
8) Diethyl Ether	3.68	74	19629	18.050	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44411	20.906	ug/l	98
10) Methyl Iodide	4.26	142	74311	19.293	ug/l	100
11) Tert butyl alcohol	5.24	59	10561	90.653	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	41885	20.414	ug/l	96
13) Acrolein	3.90	56	12528	85.501	ug/l	99
14) Allyl chloride	4.66	41	52565	19.627	ug/l	99
15) Acrylonitrile	5.38	53	36321	93.150	ug/l	99
16) Acetone	4.15	43	39137	112.112	ug/l	100
17) Carbon Disulfide	4.37	76	119567	20.478	ug/l	99
18) Methyl Acetate	4.67	43	17541	17.474	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	57508	18.830	ug/l	99
20) Methylene Chloride	4.92	84	45431	16.022	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	46652	20.094	ug/l	97
22) Diisopropyl ether	6.32	45	109828	19.670	ug/l	99
23) Vinyl Acetate	6.26	43	293373	94.751	ug/l	100
24) 1,1-Dichloroethane	6.22	63	75286	19.895	ug/l	98
25) 2-Butanone	7.18	43	49545	99.461	ug/l	99
26) 2,2-Dichloropropane	7.17	77	50948	22.351	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50401	19.404	ug/l	98
28) Bromochloromethane	7.51	49	28624	19.050	ug/l	98
29) Tetrahydrofuran	7.54	42	27916	89.098	ug/l	99
30) Chloroform	7.68	83	81563	19.660	ug/l	97
31) Cyclohexane	7.96	56	69800	20.267	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72677	20.702	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65265	21.310	ug/l	100
37) Ethyl Acetate	7.26	43	21734	20.478	ug/l	97
38) Carbon Tetrachloride	8.07	117	69037	21.572	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81959	21.087	ug/l	99
40) Benzene	8.32	78	180919	20.797	ug/l	100
41) Methacrylonitrile	7.49	41	11133	17.106	ug/l	94
42) 1,2-Dichloroethane	8.40	62	49907	20.004	ug/l	99
43) Isopropyl Acetate	8.43	43	40177	18.970	ug/l	99
44) Trichloroethene	9.09	130	56052	20.880	ug/l	100
45) 1,2-Dichloropropane	9.37	63	42257	20.873	ug/l	99
46) Dibromomethane	9.46	93	24142	20.286	ug/l	98
47) Bromodichloromethane	9.65	83	57160	20.686	ug/l	98
48) Methyl methacrylate	9.44	41	18621	18.249	ug/l	95
49) 1,4-Dioxane	9.49	88	6586	378.151	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	103097	94.782	ug/l	99
52) Toluene	10.39	92	120629	20.674	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53609	20.159	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	63413	20.179	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34230	20.272	ug/l	99
56) Ethyl methacrylate	10.65	69	35697	18.600	ug/l	97
57) 1,3-Dichloropropane	10.93	76	54881	20.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	97417	104.421	ug/l	100
59) 2-Hexanone	10.98	43	74658	101.056	ug/l	98
60) Dibromochloromethane	11.13	129	40550	20.269	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33449	19.948	ug/l	99
64) Tetrachloroethene	10.87	164	50814	19.706	ug/l	96
65) Chlorobenzene	11.66	112	142221	20.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49112	20.527	ug/l	99
67) Ethyl Benzene	11.74	91	238549	20.966	ug/l	98
68) m/p-Xylenes	11.85	106	189466	41.680	ug/l	99
69) o-Xylene	12.17	106	88207	20.382	ug/l	98
70) Styrene	12.19	104	144035	20.415	ug/l	99
71) Bromoform	12.35	173	24721	19.492	ug/l #	99
73) Isopropylbenzene	12.47	105	247818	20.106	ug/l	100
74) N-amyl acetate	12.28	43	38700	18.170	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	37902	19.470	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30452m	20.860	ug/l	
77) Bromobenzene	12.75	156	63626	19.938	ug/l	99
78) n-propylbenzene	12.81	91	292847	20.656	ug/l	100
79) 2-Chlorotoluene	12.90	91	161461	19.845	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	212216	20.494	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9711	18.971	ug/l	97
82) 4-Chlorotoluene	12.99	91	173855	20.197	ug/l	99
83) tert-Butylbenzene	13.21	119	188246	20.385	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	214045	20.153	ug/l	100
85) sec-Butylbenzene	13.39	105	268255	20.741	ug/l	100
86) p-Isopropyltoluene	13.51	119	241544	20.525	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	128036	20.372	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126048	20.233	ug/l	99
89) n-Butylbenzene	13.83	91	219842	21.045	ug/l	99
90) Hexachloroethane	14.10	117	39114	20.223	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112426	19.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5350	16.937	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83707	19.913	ug/l	100
94) Hexachlorobutadiene	15.24	225	54524	20.812	ug/l	100
95) Naphthalene	15.38	128	122092	18.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71067	19.236	ug/l	99

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

