

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006577.D
 Acq On : 02 Nov 2018 00:43
 Operator : SY/AP
 Sample : VW110318SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Manual Integrations
 APPROVED

apatel
 11/2/2018 1:01:28 PM

Quant Time: Nov 02 08:23:33 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	242088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	356541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111917	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
35) Dibromofluoromethane	7.88	113	118075	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.33	98	446648	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	151730	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29160	23.235	ug/l	96
3) Chloromethane	2.21	50	34040	21.922	ug/l	95
4) Vinyl Chloride	2.37	62	49578	22.867	ug/l	97
5) Bromomethane	2.78	94	42378	23.290	ug/l	99
6) Chloroethane	2.92	64	33965	22.421	ug/l	98
7) Trichlorofluoromethane	3.26	101	40560	21.184	ug/l	96
8) Diethyl Ether	3.67	74	21760	20.791	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45571	22.290	ug/l	99
10) Methyl Iodide	4.26	142	76890	20.742	ug/l	99
11) Tert butyl alcohol	5.17	59	13899	123.964	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	42194	21.368	ug/l	99
13) Acrolein	3.89	56	15110	107.149	ug/l	100
14) Allyl chloride	4.67	41	53891	20.908	ug/l	99
15) Acrylonitrile	5.37	53	42854	114.196	ug/l	99
16) Acetone	4.12	43	39429	117.358	ug/l	94
17) Carbon Disulfide	4.37	76	123669	22.008	ug/l	100
18) Methyl Acetate	4.67	43	21186	21.929	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	63274	21.527	ug/l	99
20) Methylene Chloride	4.91	84	48013	18.260	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	47968	21.468	ug/l	92
22) Diisopropyl ether	6.31	45	119320	22.205	ug/l	98
23) Vinyl Acetate	6.26	43	325910	109.369	ug/l	98
24) 1,1-Dichloroethane	6.21	63	79466	21.820	ug/l	99
25) 2-Butanone	7.17	43	56002	116.812	ug/l	99
26) 2,2-Dichloropropane	7.17	77	44739	20.393	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53513	21.407	ug/l	100
28) Bromochloromethane	7.51	49	31804	21.993	ug/l	97
29) Tetrahydrofuran	7.53	42	34477	114.335	ug/l	99
30) Chloroform	7.68	83	85991	21.536	ug/l	99
31) Cyclohexane	7.96	56	69683	21.023	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	73227	21.673	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65956	21.036	ug/l	99
37) Ethyl Acetate	7.26	43	24306	22.370	ug/l	98
38) Carbon Tetrachloride	8.07	117	69865	21.324	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80793	20.305	ug/l	97
40) Benzene	8.32	78	192573	21.623	ug/l	98
41) Methacrylonitrile	7.49	41	13054	19.592	ug/l	91
42) 1,2-Dichloroethane	8.40	62	54475	21.329	ug/l	99
43) Isopropyl Acetate	8.43	43	47419	21.870	ug/l	96
44) Trichloroethene	9.09	130	57569	20.948	ug/l	95
45) 1,2-Dichloropropane	9.37	63	44963	21.695	ug/l	99
46) Dibromomethane	9.46	93	25695	21.090	ug/l	99
47) Bromodichloromethane	9.65	83	60391	21.348	ug/l	98
48) Methyl methacrylate	9.44	41	22689	21.719	ug/l	98
49) 1,4-Dioxane	9.45	88	7818	438.476	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	122499	110.007	ug/l	99
52) Toluene	10.39	92	126410	21.163	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56677	20.818	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	66006	20.517	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	36453	21.088	ug/l	96
56) Ethyl methacrylate	10.65	69	40258	20.490	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59305	21.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	98544	103.179	ug/l	99
59) 2-Hexanone	10.98	43	83970	111.024	ug/l	96
60) Dibromochloromethane	11.13	129	42298	20.652	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35631	20.756	ug/l	98
64) Tetrachloroethene	10.87	164	53754	21.140	ug/l	99
65) Chlorobenzene	11.66	112	142526	21.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49681	21.058	ug/l	98
67) Ethyl Benzene	11.74	91	233444	20.807	ug/l	100
68) m/p-Xylenes	11.84	106	187658	41.866	ug/l	100
69) o-Xylene	12.17	106	90136	21.122	ug/l	100
70) Styrene	12.18	104	149792	21.531	ug/l	99
71) Bromoform	12.35	173	25803	20.632	ug/l #	100
73) Isopropylbenzene	12.47	105	240760	20.181	ug/l	100
74) N-amyl acetate	12.28	43	43233	20.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	40951	21.733	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31212m	22.089	ug/l	
77) Bromobenzene	12.75	156	64225	20.793	ug/l	100
78) n-propylbenzene	12.81	91	284233	20.713	ug/l	100
79) 2-Chlorotoluene	12.90	91	162157	20.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	208509	20.804	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9547	19.227	ug/l	95
82) 4-Chlorotoluene	12.99	91	171935	20.636	ug/l	100
83) tert-Butylbenzene	13.21	119	187493	20.977	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	218158	21.221	ug/l	98
85) sec-Butylbenzene	13.39	105	266768	21.310	ug/l	100
86) p-Isopropyltoluene	13.51	119	238921	20.975	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	130596	21.469	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	126823	21.032	ug/l	98
89) n-Butylbenzene	13.83	91	207879	20.559	ug/l	100
90) Hexachloroethane	14.10	117	40048	21.392	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	117784	21.525	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6221	20.347	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82191	20.201	ug/l	99
94) Hexachlorobutadiene	15.24	225	51601	20.349	ug/l	98
95) Naphthalene	15.38	128	132994	20.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	72135	20.172	ug/l	99

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

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