

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007189.D
 Acq On : 04 Dec 2018 16:05
 Operator : SY/AP
 Sample : VW1204SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD01

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:44:01 PM

Quant Time: Dec 05 05:48:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	174769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81417	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51042	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	7.88	113	47475	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	10.33	98	212591	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.62	95	77125	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	26325	21.214	ug/l	100
3) Chloromethane	2.21	50	30061	19.129	ug/l	97
4) Vinyl Chloride	2.36	62	19889	20.214	ug/l	98
5) Bromomethane	2.75	94	11090	22.493	ug/l	87
6) Chloroethane	2.91	64	11104	20.114	ug/l	98
7) Trichlorofluoromethane	3.26	101	37989	19.804	ug/l	99
8) Diethyl Ether	3.69	74	10973	20.522	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	23236	20.052	ug/l	99
10) Methyl Iodide	4.28	142	18665	18.908	ug/l	97
11) Tert butyl alcohol	5.16	59	13430	123.674	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	20870	19.218	ug/l	97
13) Acrolein	3.90	56	7723	104.376	ug/l	100
14) Allyl chloride	4.68	41	33710	19.366	ug/l	98
15) Acrylonitrile	5.37	53	22236	99.475	ug/l	99
16) Acetone	4.12	43	22370	89.484	ug/l	99
17) Carbon Disulfide	4.39	76	70253	19.626	ug/l	100
18) Methyl Acetate	4.68	43	11737	20.569	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	51862	20.284	ug/l	96
20) Methylene Chloride	4.92	84	27467	18.536	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	23042	19.002	ug/l	99
22) Diisopropyl ether	6.32	45	61334	19.628	ug/l	97
23) Vinyl Acetate	6.26	43	172657	101.262	ug/l	97
24) 1,1-Dichloroethane	6.22	63	39538	19.741	ug/l	98
25) 2-Butanone	7.17	43	28292	97.630	ug/l	97
26) 2,2-Dichloropropane	7.17	77	37802	19.641	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25304	19.466	ug/l	99
28) Bromochloromethane	7.51	49	14064	19.474	ug/l	99
29) Tetrahydrofuran	7.54	42	18247	101.895	ug/l	98
30) Chloroform	7.68	83	41022	19.708	ug/l	100
31) Cyclohexane	7.96	56	41315	19.716	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	38797	19.806	ug/l	99
36) 1,1-Dichloropropene	8.09	75	33691	19.812	ug/l	97
37) Ethyl Acetate	7.26	43	12412	20.178	ug/l	97
38) Carbon Tetrachloride	8.07	117	34466	19.857	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	44822	19.689	ug/l	97
40) Benzene	8.33	78	90799	19.472	ug/l	97
41) Methacrylonitrile	7.49	41	8004	21.724	ug/l	96
42) 1,2-Dichloroethane	8.40	62	26037	19.979	ug/l	100
43) Isopropyl Acetate	8.43	43	23649	19.795	ug/l	99
44) Trichloroethene	9.10	130	26604	20.297	ug/l	99
45) 1,2-Dichloropropane	9.37	63	21911	20.192	ug/l	99
46) Dibromomethane	9.46	93	11829	20.978	ug/l	93
47) Bromodichloromethane	9.65	83	29296	19.752	ug/l	94
48) Methyl methacrylate	9.44	41	11746	18.943	ug/l	94
49) 1,4-Dioxane	9.45	88	4237	430.145	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	57922	98.381	ug/l	100
52) Toluene	10.39	92	64833	19.987	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	29976	20.102	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	35589	20.365	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	15750	19.637	ug/l	94
56) Ethyl methacrylate	10.65	69	20747	19.830	ug/l	96
57) 1,3-Dichloropropane	10.93	76	27081	19.999	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	45847	109.099	ug/l	98
59) 2-Hexanone	10.97	43	40638	95.217	ug/l	97
60) Dibromochloromethane	11.13	129	19876	20.163	ug/l	97
61) 1,2-Dibromoethane	11.24	107	15484	20.128	ug/l	95
64) Tetrachloroethene	10.87	164	22148	19.378	ug/l	93
65) Chlorobenzene	11.66	112	68780	19.687	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	21551	19.973	ug/l	97
67) Ethyl Benzene	11.73	91	126366	19.845	ug/l	99
68) m/p-Xylenes	11.84	106	99477	39.822	ug/l	99
69) o-Xylene	12.17	106	46797	20.051	ug/l	99
70) Styrene	12.18	104	75230	19.691	ug/l	100
71) Bromoform	12.35	173	10485	19.412	ug/l #	99
73) Isopropylbenzene	12.47	105	124226	18.760	ug/l	97
74) N-amyl acetate	12.28	43	23925	20.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17692	20.572	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	13368m	10.926	ug/l	
77) Bromobenzene	12.75	156	27293	19.094	ug/l	98
78) n-propylbenzene	12.81	91	151282	19.176	ug/l	96
79) 2-Chlorotoluene	12.90	91	86246	19.359	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	109829	19.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5571	19.047	ug/l	98
82) 4-Chlorotoluene	12.99	91	89801	18.948	ug/l	100
83) tert-Butylbenzene	13.21	119	93522	18.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	112617	19.475	ug/l	98
85) sec-Butylbenzene	13.39	105	135464	19.167	ug/l	98
86) p-Isopropyltoluene	13.51	119	120970	19.228	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	56155	19.138	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	55078	18.583	ug/l	97
89) n-Butylbenzene	13.83	91	110715	18.832	ug/l	98
90) Hexachloroethane	14.10	117	17642	18.401	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	48916	19.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3191	19.154	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	32208	18.296	ug/l	99
94) Hexachlorobutadiene	15.24	225	17538	18.475	ug/l	99
95) Naphthalene	15.38	128	59450	18.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26514	17.862	ug/l	97

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

