

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007775.D
 Acq On : 21 Dec 2018 06:04
 Operator : SY/AP
 Sample : VW1222SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Manual Integrations
 APPROVED

apatel
 1/9/2019 12:18:14 PM

Quant Time: Dec 21 10:29:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	127449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	116063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57899	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	45792	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	7.88	113	42881	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	
50) Toluene-d8	10.32	98	163965	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
62) 4-Bromofluorobenzene	12.62	95	64377	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	12171m	17.888	ug/l
3) Chloromethane	2.21	50	10530	25.204	ug/l
4) Vinyl Chloride	2.37	62	12702	23.883	ug/l
5) Bromomethane	2.78	94	9311	25.136	ug/l
6) Chloroethane	2.92	64	7673	26.967	ug/l
7) Trichlorofluoromethane	3.26	101	10262	18.534	ug/l
8) Diethyl Ether	3.67	74	8175	24.105	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15411	18.899	ug/l
10) Methyl Iodide	4.26	142	27274	21.032	ug/l
11) Tert butyl alcohol	5.17	59	7565	133.687	ug/l
12) 1,1-Dichloroethene	4.03	96	15534	20.572	ug/l
13) Acrolein	3.89	56	5134	113.471	ug/l
14) Allyl chloride	4.66	41	23269	23.499	ug/l
15) Acrylonitrile	5.37	53	16283	112.555	ug/l
16) Acetone	4.12	43	14678	93.440	ug/l #
17) Carbon Disulfide	4.38	76	44342	18.976	ug/l
18) Methyl Acetate	4.67	43	9008	24.113	ug/l
19) Methyl tert-butyl Ether	5.43	73	27454	25.325	ug/l
20) Methylene Chloride	4.91	84	20509	22.659	ug/l
21) trans-1,2-Dichloroethene	5.42	96	17394	20.945	ug/l
22) Diisopropyl ether	6.31	45	45674	24.633	ug/l
23) Vinyl Acetate	6.26	43	125241	113.689	ug/l
24) 1,1-Dichloroethane	6.21	63	30749	22.543	ug/l
25) 2-Butanone	7.17	43	19368	105.266	ug/l
26) 2,2-Dichloropropane	7.16	77	19535	19.571	ug/l
27) cis-1,2-Dichloroethene	7.17	96	19973	22.574	ug/l
28) Bromochloromethane	7.51	49	10341	22.235	ug/l
29) Tetrahydrofuran	7.53	42	12951	118.007	ug/l
30) Chloroform	7.67	83	32080	20.782	ug/l
31) Cyclohexane	7.95	56	26181	20.966	ug/l
32) 1,1,1-Trichloroethane	7.87	97	28971	20.607	ug/l
36) 1,1-Dichloropropene	8.08	75	24668	20.053	ug/l
37) Ethyl Acetate	7.26	43	9915	23.355	ug/l
38) Carbon Tetrachloride	8.07	117	25411	17.541	ug/l

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30288	19.815	ug/l	98
40) Benzene	8.32	78	69392	21.140	ug/l	99
41) Methacrylonitrile	7.48	41	5419	22.483	ug/l	96
42) 1,2-Dichloroethane	8.40	62	22062	20.056	ug/l	99
43) Isopropyl Acetate	8.43	43	18990	22.327	ug/l	99
44) Trichloroethene	9.09	130	20110	20.258	ug/l	99
45) 1,2-Dichloropropane	9.37	63	15876	21.797	ug/l	94
46) Dibromomethane	9.46	93	8846	19.730	ug/l	97
47) Bromodichloromethane	9.65	83	23323	19.787	ug/l	96
48) Methyl methacrylate	9.43	41	9364	22.057	ug/l	98
49) 1,4-Dioxane	9.45	88	3381	475.625	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	43960	109.365	ug/l	100
52) Toluene	10.39	92	47275	21.466	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	24001	20.471	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	27224	21.022	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	13051	21.115	ug/l	95
56) Ethyl methacrylate	10.65	69	16614	22.750	ug/l	95
57) 1,3-Dichloropropane	10.93	76	22188	21.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	41476	124.391	ug/l	96
59) 2-Hexanone	10.97	43	29993	106.101	ug/l	98
60) Dibromochloromethane	11.13	129	14930	18.243	ug/l	98
61) 1,2-Dibromoethane	11.24	107	13302	21.251	ug/l	98
64) Tetrachloroethene	10.87	164	17373	21.138	ug/l	96
65) Chlorobenzene	11.66	112	52687	20.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	17679	19.696	ug/l	98
67) Ethyl Benzene	11.73	91	94717	21.972	ug/l	94
68) m/p-Xylenes	11.84	106	71861	42.974	ug/l	98
69) o-Xylene	12.17	106	34342	21.909	ug/l	100
70) Styrene	12.18	104	56426	21.899	ug/l	99
71) Bromoform	12.35	173	7879	16.909	ug/l #	97
73) Isopropylbenzene	12.47	105	95172	21.746	ug/l	100
74) N-amyl acetate	12.27	43	17696	23.343	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	13908	21.195	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	8648m	19.325	ug/l	
77) Bromobenzene	12.75	156	21399	21.335	ug/l	98
78) n-propylbenzene	12.80	91	109095	21.414	ug/l	99
79) 2-Chlorotoluene	12.90	91	64368	21.689	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	83352	22.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3898	18.284	ug/l	95
82) 4-Chlorotoluene	12.99	91	68378	21.638	ug/l	99
83) tert-Butylbenzene	13.21	119	72980	22.033	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	84801	22.262	ug/l	99
85) sec-Butylbenzene	13.39	105	97761	21.415	ug/l	100
86) p-Isopropyltoluene	13.50	119	89511	21.564	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	42463	21.323	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	42406	21.288	ug/l	99
89) n-Butylbenzene	13.83	91	79997	21.019	ug/l	99
90) Hexachloroethane	14.10	117	12557	17.231	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	38543	21.617	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2638	19.576	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26470	21.387	ug/l	99
94) Hexachlorobutadiene	15.24	225	13944	21.082	ug/l	99
95) Naphthalene	15.37	128	53893	23.552	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	23153	21.854	ug/l	98

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

