

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007575.D
 Acq On : 15 Dec 2018 12:17
 Operator : SY/AP
 Sample : VW1217SBS03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:45:54 PM

Quant Time: Dec 15 20:10:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40149	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.88	113	37175	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.32	98	139030	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.62	95	53308	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11722	23.909	ug/l	100
3) Chloromethane	2.21	50	8657	21.084	ug/l	98
4) Vinyl Chloride	2.37	62	11096	23.028	ug/l	99
5) Bromomethane	2.78	94	6928	21.399	ug/l	98
6) Chloroethane	2.93	64	5878	22.161	ug/l	100
7) Trichlorofluoromethane	3.26	101	9357	21.599	ug/l	88
8) Diethyl Ether	3.68	74	6670	19.672	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15684	21.941	ug/l	99
10) Methyl Iodide	4.27	142	26412	22.310	ug/l	99
11) Tert butyl alcohol	5.17	59	6185	115.703	ug/l	96
12) 1,1-Dichloroethene	4.04	96	15353	22.308	ug/l	91
13) Acrolein	3.89	56	3349	94.681	ug/l	99
14) Allyl chloride	4.67	41	20881	20.583	ug/l	98
15) Acrylonitrile	5.37	53	15545	108.756	ug/l	99
16) Acetone	4.12	43	13861	101.954	ug/l	95
17) Carbon Disulfide	4.37	76	44741	21.440	ug/l	98
18) Methyl Acetate	4.67	43	8452	22.906	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	24545	23.641	ug/l	97
20) Methylene Chloride	4.92	84	17851	21.801	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	16691	21.680	ug/l	99
22) Diisopropyl ether	6.31	45	42417	21.753	ug/l	95
23) Vinyl Acetate	6.26	43	112950	103.560	ug/l	95
24) 1,1-Dichloroethane	6.21	63	28869	21.905	ug/l	99
25) 2-Butanone	7.17	43	18313	103.179	ug/l	100
26) 2,2-Dichloropropane	7.17	77	18531	21.246	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	18280	21.685	ug/l	98
28) Bromochloromethane	7.51	49	10571	21.325	ug/l #	4
29) Tetrahydrofuran	7.53	42	12398	110.340	ug/l	95
30) Chloroform	7.67	83	31801	22.174	ug/l	95
31) Cyclohexane	7.96	56	24292	20.090	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	28167	22.396	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23406	21.549	ug/l	99
37) Ethyl Acetate	7.25	43	8790	21.758	ug/l	99
38) Carbon Tetrachloride	8.07	117	25903	21.917	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28317	21.529	ug/l	94
40) Benzene	8.32	78	66282	21.988	ug/l	100
41) Methacrylonitrile	7.48	41	4903	21.312	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	21820	23.043	ug/l	97
43) Isopropyl Acetate	8.42	43	17602	22.057	ug/l	98
44) Trichloroethene	9.09	130	19473	22.622	ug/l	100
45) 1,2-Dichloropropane	9.37	63	15393	22.067	ug/l	98
46) Dibromomethane	9.46	93	8987	22.687	ug/l	98
47) Bromodichloromethane	9.65	83	23265	22.390	ug/l	89
48) Methyl methacrylate	9.43	41	9478	23.126	ug/l	98
49) 1,4-Dioxane	9.45	88	2902	451.491	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	41775	110.791	ug/l	100
52) Toluene	10.39	92	44267	22.692	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	23090	22.889	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	25422	21.800	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13196	24.476	ug/l	97
56) Ethyl methacrylate	10.65	69	14975	23.109	ug/l	99
57) 1,3-Dichloropropane	10.93	76	21127	23.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	33053	110.605	ug/l	98
59) 2-Hexanone	10.97	43	28999	115.339	ug/l	100
60) Dibromochloromethane	11.13	129	15991	23.502	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12644	23.731	ug/l	93
64) Tetrachloroethene	10.86	164	17549	22.545	ug/l	92
65) Chlorobenzene	11.66	112	50284	22.288	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	18195	22.898	ug/l	99
67) Ethyl Benzene	11.73	91	85363	22.007	ug/l	93
68) m/p-Xylenes	11.84	106	66155	43.871	ug/l	100
69) o-Xylene	12.17	106	31672	22.489	ug/l	97
70) Styrene	12.18	104	53381	23.467	ug/l	97
71) Bromoform	12.35	173	9148	22.493	ug/l #	99
73) Isopropylbenzene	12.47	105	88589	21.008	ug/l	100
74) N-amyl acetate	12.27	43	16153	21.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	13956	22.345	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	8917m	19.651	ug/l	
77) Bromobenzene	12.75	156	20413	21.839	ug/l	97
78) n-propylbenzene	12.81	91	101895	21.471	ug/l	98
79) 2-Chlorotoluene	12.90	91	60909	21.212	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	76641	21.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3971	19.332	ug/l	99
82) 4-Chlorotoluene	12.99	91	63977	21.136	ug/l	96
83) tert-Butylbenzene	13.21	119	66644	21.346	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	78671	21.577	ug/l	97
85) sec-Butylbenzene	13.39	105	91673	21.510	ug/l	96
86) p-Isopropyltoluene	13.51	119	82567	21.565	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	40139	21.538	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	40715	21.731	ug/l	96
89) n-Butylbenzene	13.83	91	73923	20.826	ug/l	98
90) Hexachloroethane	14.10	117	14872	21.830	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	36754	22.019	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2881	22.986	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	23952	20.851	ug/l	97
94) Hexachlorobutadiene	15.24	225	12205	20.025	ug/l	100
95) Naphthalene	15.37	128	46671	21.238	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20957	21.002	ug/l	95

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

