

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007452.D
 Acq On : 12 Dec 2018 21:55
 Operator : SY/AP
 Sample : VW1215SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1215SBS01

Manual Integrations
 APPROVED

apatel
 12/18/2018 10:55:53 AM

Quant Time: Dec 13 04:40:53 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	78828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44074	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	7.88	113	41276	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.32	98	156387	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.62	95	59268	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12425	22.556	ug/l	91
3) Chloromethane	2.21	50	9339	20.243	ug/l	90
4) Vinyl Chloride	2.36	62	11070	20.447	ug/l	98
5) Bromomethane	2.78	94	7327	20.142	ug/l	95
6) Chloroethane	2.92	64	5814	19.509	ug/l #	86
7) Trichlorofluoromethane	3.25	101	9469	19.454	ug/l	98
8) Diethyl Ether	3.67	74	7634	20.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16636	20.714	ug/l	99
10) Methyl Iodide	4.26	142	27415	20.610	ug/l	99
11) Tert butyl alcohol	5.17	59	6681	111.235	ug/l	96
12) 1,1-Dichloroethene	4.03	96	16183	20.928	ug/l	94
13) Acrolein	3.88	56	4290	107.945	ug/l	98
14) Allyl chloride	4.66	41	22311	19.574	ug/l	99
15) Acrylonitrile	5.37	53	15759	98.127	ug/l	99
16) Acetone	4.12	43	15398	100.802	ug/l #	89
17) Carbon Disulfide	4.37	76	47608	20.305	ug/l	100
18) Methyl Acetate	4.67	43	8433	20.340	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	23786	20.390	ug/l	100
20) Methylene Chloride	4.91	84	18723	20.068	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	17897	20.689	ug/l	97
22) Diisopropyl ether	6.31	45	44464	20.295	ug/l	97
23) Vinyl Acetate	6.25	43	123335	100.644	ug/l	100
24) 1,1-Dichloroethane	6.21	63	30292	20.457	ug/l	97
25) 2-Butanone	7.17	43	19615	98.359	ug/l	98
26) 2,2-Dichloropropane	7.17	77	19963	20.371	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	19151	20.219	ug/l	98
28) Bromochloromethane	7.51	49	11024	19.793	ug/l	99
29) Tetrahydrofuran	7.53	42	12510	99.091	ug/l	97
30) Chloroform	7.67	83	32775	20.339	ug/l	100
31) Cyclohexane	7.95	56	27215	20.032	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	29594	20.943	ug/l	98
36) 1,1-Dichloropropene	8.08	75	25123	20.729	ug/l	98
37) Ethyl Acetate	7.25	43	8785	19.489	ug/l	97
38) Carbon Tetrachloride	8.07	117	27839	21.111	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31185	21.250	ug/l	91
40) Benzene	8.32	78	69951	20.798	ug/l	98
41) Methacrylonitrile	7.48	41	5361	20.885	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	21597	20.441	ug/l	97
43) Isopropyl Acetate	8.43	43	17717	19.898	ug/l	98
44) Trichloroethene	9.09	130	19989	20.812	ug/l	96
45) 1,2-Dichloropropane	9.37	63	16013	20.574	ug/l	95
46) Dibromomethane	9.46	93	9142	20.683	ug/l	98
47) Bromodichloromethane	9.64	83	23930	20.640	ug/l	97
48) Methyl methacrylate	9.43	41	8877	19.412	ug/l	94
49) 1,4-Dioxane	9.45	88	2975	414.823	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	42726	101.556	ug/l	98
52) Toluene	10.39	92	47030	21.607	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	23831	21.173	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	26683	20.507	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	12701	21.113	ug/l	98
56) Ethyl methacrylate	10.65	69	15261	21.106	ug/l	99
57) 1,3-Dichloropropane	10.93	76	21740	22.018	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	31832	95.467	ug/l	98
59) 2-Hexanone	10.97	43	29554	105.349	ug/l	99
60) Dibromochloromethane	11.13	129	16382	21.579	ug/l	100
61) 1,2-Dibromoethane	11.24	107	12866	21.642	ug/l	99
64) Tetrachloroethene	10.86	164	17245	19.944	ug/l	94
65) Chlorobenzene	11.66	112	52012	20.754	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	18358	20.799	ug/l	99
67) Ethyl Benzene	11.73	91	90448	20.992	ug/l	94
68) m/p-Xylenes	11.84	106	70030	41.808	ug/l	99
69) o-Xylene	12.17	106	33001	21.095	ug/l	97
70) Styrene	12.18	104	55637	22.019	ug/l	97
71) Bromoform	12.35	173	9042	20.014	ug/l #	98
73) Isopropylbenzene	12.47	105	93020	20.265	ug/l	98
74) N-amyl acetate	12.27	43	16351	19.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	14212	20.904	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	11745m	23.778	ug/l	
77) Bromobenzene	12.75	156	21002	20.641	ug/l	96
78) n-propylbenzene	12.81	91	108021	20.910	ug/l	99
79) 2-Chlorotoluene	12.90	91	63693	20.377	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	80243	20.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4421	19.772	ug/l	96
82) 4-Chlorotoluene	12.99	91	66803	20.275	ug/l	98
83) tert-Butylbenzene	13.21	119	69114	20.337	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	82010	20.663	ug/l	99
85) sec-Butylbenzene	13.39	105	96653	20.833	ug/l	96
86) p-Isopropyltoluene	13.50	119	88298	21.185	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	41555	20.484	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	41667	20.431	ug/l	96
89) n-Butylbenzene	13.83	91	80318	20.787	ug/l	99
90) Hexachloroethane	14.10	117	15318	20.656	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	38001	20.914	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2605	19.093	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	25788	20.623	ug/l	96
94) Hexachlorobutadiene	15.24	225	13676	20.613	ug/l	99
95) Naphthalene	15.37	128	48280	20.183	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22109	20.354	ug/l	97

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

