

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006814.D
 Acq On : 12 Nov 2018 18:39
 Operator : SY/AP
 Sample : VW1112SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Manual Integrations
 APPROVED

apatel
 11/13/2018 11:53:58 AM

Quant Time: Nov 13 03:04:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	312806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	228453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106972	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.89	113	112094	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
50) Toluene-d8	10.33	98	461004	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.62	95	170372	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56903	22.035	ug/l	99
3) Chloromethane	2.21	50	62827	21.580	ug/l	100
4) Vinyl Chloride	2.36	62	66178	21.176	ug/l	99
5) Bromomethane	2.77	94	43522	20.700	ug/l	93
6) Chloroethane	2.92	64	40999	20.331	ug/l	97
7) Trichlorofluoromethane	3.26	101	85398	20.702	ug/l	96
8) Diethyl Ether	3.69	74	25266	20.873	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	57607	20.595	ug/l	99
10) Methyl Iodide	4.28	142	71537	18.248	ug/l	99
11) Tert butyl alcohol	5.21	59	15638	104.181	ug/l	98
12) 1,1-Dichloroethene	4.04	96	47684	20.182	ug/l	98
13) Acrolein	3.90	56	18384	117.103	ug/l	100
14) Allyl chloride	4.67	41	62344	20.061	ug/l	99
15) Acrylonitrile	5.38	53	47482	103.576	ug/l	99
16) Acetone	4.14	43	32889	100.148	ug/l	98
17) Carbon Disulfide	4.39	76	149313	19.983	ug/l	99
18) Methyl Acetate	4.68	43	22314	19.864	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	120607	21.501	ug/l	95
20) Methylene Chloride	4.92	84	64302	18.202	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	56973	20.446	ug/l	96
22) Diisopropyl ether	6.32	45	134287	20.807	ug/l	98
23) Vinyl Acetate	6.26	43	395971	108.831	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86526	20.215	ug/l	99
25) 2-Butanone	7.18	43	58826	105.920	ug/l	98
26) 2,2-Dichloropropane	7.17	77	86873	20.171	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60781	20.460	ug/l	98
28) Bromochloromethane	7.52	49	30357	20.275	ug/l	100
29) Tetrahydrofuran	7.54	42	36816	103.584	ug/l	98
30) Chloroform	7.68	83	94925	20.311	ug/l	100
31) Cyclohexane	7.96	56	93843	21.418	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	95476	21.164	ug/l	100
36) 1,1-Dichloropropene	8.09	75	83979	21.495	ug/l	98
37) Ethyl Acetate	7.26	43	27863	21.810	ug/l	100
38) Carbon Tetrachloride	8.07	117	88173	20.765	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101790	20.082	ug/l	99
40) Benzene	8.33	78	222673	20.497	ug/l	98
41) Methacrylonitrile	7.49	41	16653	21.230	ug/l	98
42) 1,2-Dichloroethane	8.40	62	60547	20.802	ug/l	100
43) Isopropyl Acetate	8.43	43	52293	21.047	ug/l	99
44) Trichloroethene	9.10	130	71377	20.822	ug/l	94
45) 1,2-Dichloropropane	9.37	63	53378	21.081	ug/l	96
46) Dibromomethane	9.46	93	28532	20.244	ug/l	98
47) Bromodichloromethane	9.65	83	74143	21.209	ug/l	99
48) Methyl methacrylate	9.44	41	23580	19.357	ug/l	98
49) 1,4-Dioxane	9.47	88	8251	387.485	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	128015	102.753	ug/l	98
52) Toluene	10.39	92	151699	19.697	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69747	20.266	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	84450	20.694	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43248	20.679	ug/l	98
56) Ethyl methacrylate	10.65	69	45360	19.790	ug/l	97
57) 1,3-Dichloropropane	10.93	76	68967	20.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	123200	107.320	ug/l	99
59) 2-Hexanone	10.98	43	87577	101.912	ug/l	99
60) Dibromochloromethane	11.13	129	51726	20.212	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41094	20.689	ug/l	97
64) Tetrachloroethene	10.87	164	64084	20.008	ug/l	97
65) Chlorobenzene	11.66	112	177843	20.057	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	58647	20.384	ug/l	100
67) Ethyl Benzene	11.74	91	298886	19.773	ug/l	99
68) m/p-Xylenes	11.84	106	243293	39.338	ug/l	99
69) o-Xylene	12.17	106	112921	19.618	ug/l	98
70) Styrene	12.18	104	180286	19.569	ug/l	99
71) Bromoform	12.35	173	30702	19.553	ug/l #	99
73) Isopropylbenzene	12.47	105	310623	19.588	ug/l	99
74) N-amyl acetate	12.27	43	48433	20.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45421	20.705	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34087m	20.704	ug/l	
77) Bromobenzene	12.75	156	79301	19.835	ug/l	100
78) n-propylbenzene	12.81	91	370107	19.775	ug/l	100
79) 2-Chlorotoluene	12.90	91	206776	19.692	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	268968	19.730	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13119	19.710	ug/l	98
82) 4-Chlorotoluene	12.99	91	220749	19.704	ug/l	100
83) tert-Butylbenzene	13.21	119	235082	19.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	273883	19.742	ug/l	99
85) sec-Butylbenzene	13.39	105	334514	19.590	ug/l	100
86) p-Isopropyltoluene	13.51	119	307019	19.767	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	160535	19.702	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	160695	19.933	ug/l	99
89) n-Butylbenzene	13.83	91	279842	19.715	ug/l	99
90) Hexachloroethane	14.10	117	47365	19.058	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	141349	19.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7064	20.114	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	106053	19.795	ug/l	99
94) Hexachlorobutadiene	15.24	225	66571	19.610	ug/l	98
95) Naphthalene	15.38	128	156326	19.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	89552	19.478	ug/l	99

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

