

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011320\
 Data File : VW014616.D
 Acq On : 13 Jan 2020 11:39
 Operator : SY/VA
 Sample : VW0113SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Manual Integrations
 APPROVED

apatel
 1/14/2020 3:06:43 PM

Quant Time: Jan 14 12:34:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	679071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1006199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	865921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	428430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	300268	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	293004	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.32	98	1197783	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	403852	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82684	21.565	ug/l	94
3) Chloromethane	2.21	50	102654	21.873	ug/l	99
4) Vinyl Chloride	2.35	62	152959	22.159	ug/l	100
5) Bromomethane	2.74	94	92284	21.642	ug/l	95
6) Chloroethane	2.92	64	86272	21.925	ug/l	99
7) Trichlorofluoromethane	3.25	101	72673	21.042	ug/l	97
8) Diethyl Ether	3.68	74	75659	22.017	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	144133	22.335	ug/l	100
10) Methyl Iodide	4.27	142	202047	20.751	ug/l	99
11) Tert butyl alcohol	5.16	59	60079	119.246	ug/l	100
12) 1,1-Dichloroethene	4.03	96	148489	21.973	ug/l	94
13) Acrolein	3.88	56	54611	105.385	ug/l	99
14) Allyl chloride	4.66	41	224059	21.697	ug/l	99
15) Acrylonitrile	5.36	53	187852	119.595	ug/l	99
16) Acetone	4.12	43	190247	113.480	ug/l	93
17) Carbon Disulfide	4.38	76	427460	20.987	ug/l	98
18) Methyl Acetate	4.67	43	96393	23.807	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	198523	23.666	ug/l	97
20) Methylene Chloride	4.91	84	171493	22.836	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	156019	21.743	ug/l	98
22) Diisopropyl ether	6.31	45	430456	22.270	ug/l	98
23) Vinyl Acetate	6.25	43	1323674	113.404	ug/l	100
24) 1,1-Dichloroethane	6.21	63	264581	21.700	ug/l	99
25) 2-Butanone	7.16	43	258263	120.041	ug/l	97
26) 2,2-Dichloropropane	7.16	77	153561	22.748	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	162317	21.528	ug/l	97
28) Bromochloromethane	7.51	49	94610	19.792	ug/l	99
29) Tetrahydrofuran	7.52	42	158446	118.878	ug/l	100
30) Chloroform	7.67	83	251288	22.039	ug/l	98
31) Cyclohexane	7.95	56	271204	21.403	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	203156	22.154	ug/l	100
36) 1,1-Dichloropropene	8.08	75	215153	22.180	ug/l	99
37) Ethyl Acetate	7.24	43	106173	24.134	ug/l	99
38) Carbon Tetrachloride	8.07	117	191914	22.805	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	273115	21.940	ug/l	99
40) Benzene	8.32	78	612076	22.302	ug/l	100
41) Methacrylonitrile	7.48	41	55256	22.532	ug/l	97
42) 1,2-Dichloroethane	8.40	62	161145	22.625	ug/l	99
43) Isopropyl Acetate	8.42	43	185590	23.231	ug/l	100
44) Trichloroethene	9.09	130	163663	22.038	ug/l	97
45) 1,2-Dichloropropane	9.37	63	149702	22.228	ug/l	99
46) Dibromomethane	9.46	93	75816	22.803	ug/l	99
47) Bromodichloromethane	9.64	83	183074	22.303	ug/l	99
48) Methyl methacrylate	9.43	41	90212	23.129	ug/l	98
49) 1,4-Dioxane	9.44	88	30974	498.096	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	500952	120.753	ug/l	99
52) Toluene	10.38	92	386440	22.381	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	188953	22.233	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	228253	21.975	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	112493	23.167	ug/l	98
56) Ethyl methacrylate	10.65	69	144029	22.824	ug/l	99
57) 1,3-Dichloropropane	10.93	76	195534	22.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	206155	107.415	ug/l	100
59) 2-Hexanone	10.96	43	353157	123.536	ug/l	99
60) Dibromochloromethane	11.13	129	122017	22.271	ug/l	99
61) 1,2-Dibromoethane	11.23	107	105114	22.805	ug/l	99
64) Tetrachloroethene	10.86	164	140215	22.367	ug/l	99
65) Chlorobenzene	11.66	112	394874	22.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	132461	22.177	ug/l	99
67) Ethyl Benzene	11.73	91	712559	22.288	ug/l	100
68) m/p-Xylenes	11.84	106	545253	44.562	ug/l	99
69) o-Xylene	12.16	106	250771	22.187	ug/l	99
70) Styrene	12.18	104	429882	22.487	ug/l	99
71) Bromoform	12.35	173	76032	23.337	ug/l #	99
73) Isopropylbenzene	12.46	105	690885	21.977	ug/l	100
74) N-amyl acetate	12.27	43	158646	22.507	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	133814	23.583	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	103431m	25.534	ug/l	
77) Bromobenzene	12.74	156	163130	22.343	ug/l	99
78) n-propylbenzene	12.80	91	830907	22.478	ug/l	99
79) 2-Chlorotoluene	12.89	91	462063	21.965	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	585408	22.179	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42275	23.253	ug/l	96
82) 4-Chlorotoluene	12.99	91	481152	22.015	ug/l	100
83) tert-Butylbenzene	13.21	119	510849	22.106	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	587610	22.371	ug/l	99
85) sec-Butylbenzene	13.38	105	716919	22.412	ug/l	100
86) p-Isopropyltoluene	13.49	119	659340	22.614	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	309498	21.799	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	308092	21.980	ug/l	99
89) n-Butylbenzene	13.82	91	601780	22.226	ug/l	99
90) Hexachloroethane	14.09	117	109292	21.457	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	277231	22.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20832	23.184	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	184907	21.942	ug/l	99
94) Hexachlorobutadiene	15.24	225	124530	22.051	ug/l	97
95) Naphthalene	15.36	128	320461	22.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	162206	22.083	ug/l	99

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

