

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014520.D
 Acq On : 06 Jan 2020 13:44
 Operator : SY/VA
 Sample : VW0106SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VW0106SBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:27:43 AM

Quant Time: Jan 07 02:56:50 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	892293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1332150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1146374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	570439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	394537	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	381127	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.32	98	1587273	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.62	95	531562	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	106306	21.101	ug/l	97
3) Chloromethane	2.21	50	128825	20.890	ug/l	95
4) Vinyl Chloride	2.36	62	188484	20.781	ug/l	98
5) Bromomethane	2.76	94	113867	20.322	ug/l	97
6) Chloroethane	2.92	64	105692	20.442	ug/l	95
7) Trichlorofluoromethane	3.24	101	94546	20.834	ug/l	98
8) Diethyl Ether	3.68	74	87926	19.473	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	170842	20.148	ug/l	99
10) Methyl Iodide	4.27	142	248980	19.461	ug/l	98
11) Tert butyl alcohol	5.15	59	59782	84.174	ug/l	99
12) 1,1-Dichloroethene	4.04	96	174312	19.630	ug/l	96
13) Acrolein	3.89	56	62560	91.876	ug/l	98
14) Allyl chloride	4.66	41	277480	20.449	ug/l	99
15) Acrylonitrile	5.36	53	198105	95.985	ug/l	97
16) Acetone	4.11	43	190625	86.535	ug/l	97
17) Carbon Disulfide	4.38	76	539729	20.167	ug/l	97
18) Methyl Acetate	4.67	43	101129	19.008	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	222015	20.142	ug/l	99
20) Methylene Chloride	4.91	84	303026	32.421	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	190550	20.210	ug/l	97
22) Diisopropyl ether	6.31	45	537097	21.147	ug/l	97
23) Vinyl Acetate	6.25	43	1528680	99.672	ug/l	99
24) 1,1-Dichloroethane	6.21	63	329439	20.563	ug/l	99
25) 2-Butanone	7.16	43	255287	90.303	ug/l	97
26) 2,2-Dichloropropane	7.16	77	180822	20.386	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	198697	20.056	ug/l	97
28) Bromochloromethane	7.51	49	119427	19.014	ug/l	97
29) Tetrahydrofuran	7.52	42	159449	91.044	ug/l	99
30) Chloroform	7.67	83	307488	20.524	ug/l	100
31) Cyclohexane	7.95	56	335399	20.144	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	253069	21.003	ug/l	99
36) 1,1-Dichloropropene	8.08	75	266177	20.726	ug/l	99
37) Ethyl Acetate	7.24	43	110116	18.906	ug/l	99
38) Carbon Tetrachloride	8.07	117	230122	20.654	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	322344	19.559	ug/l	96
40) Benzene	8.32	78	761222	20.949	ug/l	97
41) Methacrylonitrile	7.48	41	66866	20.595	ug/l	91
42) 1,2-Dichloroethane	8.40	62	197025	20.894	ug/l	98
43) Isopropyl Acetate	8.42	43	199587	18.871	ug/l	98
44) Trichloroethene	9.09	130	194135	19.745	ug/l	100
45) 1,2-Dichloropropane	9.37	63	182527	20.471	ug/l	95
46) Dibromomethane	9.46	93	87239	19.819	ug/l	99
47) Bromodichloromethane	9.64	83	220776	20.315	ug/l	97
48) Methyl methacrylate	9.43	41	92652	17.942	ug/l	96
49) 1,4-Dioxane	9.45	88	29003	352.281	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	524872	95.562	ug/l	99
52) Toluene	10.38	92	472468	20.668	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	223628	19.874	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	276344	20.095	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	126697	19.708	ug/l	97
56) Ethyl methacrylate	10.65	69	158841	19.012	ug/l	98
57) 1,3-Dichloropropane	10.93	76	226387	20.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	232875	91.648	ug/l	97
59) 2-Hexanone	10.96	43	350556	92.622	ug/l	98
60) Dibromochloromethane	11.13	129	142949	19.707	ug/l	98
61) 1,2-Dibromoethane	11.23	107	119902	19.649	ug/l	99
64) Tetrachloroethene	10.86	164	167691	20.205	ug/l	99
65) Chlorobenzene	11.65	112	477810	20.345	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	160571	20.306	ug/l	100
67) Ethyl Benzene	11.73	91	863404	20.400	ug/l	98
68) m/p-Xylenes	11.83	106	660336	40.765	ug/l	99
69) o-Xylene	12.16	106	302345	20.206	ug/l	100
70) Styrene	12.18	104	517192	20.435	ug/l	99
71) Bromoform	12.35	173	79625	18.461	ug/l #	99
73) Isopropylbenzene	12.46	105	829956	19.829	ug/l	99
74) N-amyl acetate	12.27	43	176424	18.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	142175	18.819	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	88190m	16.351	ug/l	
77) Bromobenzene	12.74	156	189975	19.542	ug/l	99
78) n-propylbenzene	12.80	91	1003777	20.394	ug/l	99
79) 2-Chlorotoluene	12.89	91	559650	19.981	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	705606	20.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44397	18.341	ug/l	94
82) 4-Chlorotoluene	12.99	91	591553	20.329	ug/l	99
83) tert-Butylbenzene	13.21	119	608713	19.783	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	702036	20.074	ug/l	100
85) sec-Butylbenzene	13.38	105	856924	20.120	ug/l	100
86) p-Isopropyltoluene	13.50	119	781002	20.118	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	375467	19.862	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	368785	19.760	ug/l	98
89) n-Butylbenzene	13.82	91	723289	20.063	ug/l	99
90) Hexachloroethane	14.09	117	131331	19.365	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	327839	19.731	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21422	17.906	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	208986	18.626	ug/l	100
94) Hexachlorobutadiene	15.24	225	145217	19.313	ug/l	97
95) Naphthalene	15.36	128	329002	17.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	179431	18.346	ug/l	99

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

