

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015408.D
 Acq On : 06 May 2020 11:59
 Operator : SY/VA
 Sample : VW0506SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:34:51 AM

Quant Time: May 07 03:44:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	127493	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.88	113	109526	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.32	98	455506	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	168681	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26222	19.751	ug/l	97
3) Chloromethane	2.21	50	30440	18.315	ug/l	98
4) Vinyl Chloride	2.37	62	50196	19.942	ug/l	96
5) Bromomethane	2.78	94	37560	19.047	ug/l	94
6) Chloroethane	2.92	64	33626	19.386	ug/l	99
7) Trichlorofluoromethane	3.26	101	35150	19.039	ug/l	99
8) Diethyl Ether	3.67	74	22949	19.891	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43745	20.439	ug/l	100
10) Methyl Iodide	4.26	142	65821	20.324	ug/l	100
11) Tert butyl alcohol	5.17	59	17419	119.668	ug/l	99
12) 1,1-Dichloroethene	4.03	96	44130	19.883	ug/l	98
13) Acrolein	3.89	56	19450	104.636	ug/l	97
14) Allyl chloride	4.67	41	78577	20.206	ug/l	100
15) Acrylonitrile	5.37	53	49381	105.166	ug/l	100
16) Acetone	4.12	43	41707	106.358	ug/l	100
17) Carbon Disulfide	4.38	76	138011	20.280	ug/l	100
18) Methyl Acetate	4.67	43	21617	20.766	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	75621	21.206	ug/l	99
20) Methylene Chloride	4.91	84	48654	19.016	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	50738	20.139	ug/l	99
22) Diisopropyl ether	6.31	45	154174	20.288	ug/l	98
23) Vinyl Acetate	6.26	43	465559	100.783	ug/l	99
24) 1,1-Dichloroethane	6.21	63	91630	20.113	ug/l	99
25) 2-Butanone	7.17	43	64518	105.556	ug/l	98
26) 2,2-Dichloropropane	7.16	77	61137	20.248	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55947	20.450	ug/l	99
28) Bromochloromethane	7.51	49	38034	20.763	ug/l	99
29) Tetrahydrofuran	7.53	42	41947	104.281	ug/l	100
30) Chloroform	7.68	83	90658	20.029	ug/l	99
31) Cyclohexane	7.95	56	92023	19.894	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	77825	20.457	ug/l	99
36) 1,1-Dichloropropene	8.08	75	75873	20.211	ug/l	100
37) Ethyl Acetate	7.25	43	30514	20.949	ug/l	99
38) Carbon Tetrachloride	8.07	117	71632	20.411	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97281	20.472	ug/l	99
40) Benzene	8.32	78	206574	20.176	ug/l	99
41) Methacrylonitrile	7.48	41	18871	20.504	ug/l	97
42) 1,2-Dichloroethane	8.40	62	63457	20.349	ug/l	100
43) Isopropyl Acetate	8.43	43	61566	20.097	ug/l	100
44) Trichloroethene	9.09	130	53064	19.997	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51834	20.494	ug/l	100
46) Dibromomethane	9.46	93	25130	19.977	ug/l	97
47) Bromodichloromethane	9.65	83	69657	20.318	ug/l	95
48) Methyl methacrylate	9.44	41	28751	20.318	ug/l	100
49) 1,4-Dioxane	9.45	88	6798	429.413	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	147556	102.779	ug/l	100
52) Toluene	10.39	92	133369	20.045	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	71099	20.318	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	82534	20.031	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35154	19.762	ug/l	96
56) Ethyl methacrylate	10.65	69	48478	19.835	ug/l	97
57) 1,3-Dichloropropane	10.93	76	64275	20.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	118704	99.829	ug/l	99
59) 2-Hexanone	10.97	43	100130	103.077	ug/l	99
60) Dibromochloromethane	11.13	129	42849	20.028	ug/l	98
61) 1,2-Dibromoethane	11.23	107	34190	20.299	ug/l	99
64) Tetrachloroethene	10.86	164	42720	20.372	ug/l	95
65) Chlorobenzene	11.66	112	136922	20.242	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47189	19.676	ug/l	100
67) Ethyl Benzene	11.73	91	262635	20.285	ug/l	99
68) m/p-Xylenes	11.84	106	194882	40.484	ug/l	99
69) o-Xylene	12.16	106	91671	20.265	ug/l	98
70) Styrene	12.18	104	157752	20.249	ug/l	99
71) Bromoform	12.35	173	23716	20.277	ug/l #	97
73) Isopropylbenzene	12.46	105	257218	20.275	ug/l	99
74) N-amyl acetate	12.27	43	61184	20.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40636	20.476	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27123m	19.402	ug/l	
77) Bromobenzene	12.75	156	53611	19.941	ug/l	99
78) n-propylbenzene	12.80	91	307296	20.189	ug/l	100
79) 2-Chlorotoluene	12.89	91	174947	20.390	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	220882	20.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14470	20.475	ug/l	98
82) 4-Chlorotoluene	12.99	91	185018	20.348	ug/l	100
83) tert-Butylbenzene	13.21	119	187537	20.567	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	220334	20.611	ug/l	100
85) sec-Butylbenzene	13.38	105	269116	20.947	ug/l	100
86) p-Isopropyltoluene	13.49	119	241493	20.610	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109055	20.364	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108433	20.445	ug/l	99
89) n-Butylbenzene	13.82	91	236096	20.582	ug/l	100
90) Hexachloroethane	14.09	117	44120	20.433	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	95819	20.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7071	20.409	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62887	20.179	ug/l	99
94) Hexachlorobutadiene	15.24	225	37644	20.384	ug/l	96
95) Naphthalene	15.36	128	110306	19.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	51639	19.284	ug/l	99

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

