

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015407.D
 Acq On : 06 May 2020 11:36
 Operator : SY/VA
 Sample : VW0506SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:34:49 AM

Quant Time: May 07 03:42:01 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	217124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	152979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117445	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.88	113	104993	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.32	98	432660	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.62	95	157060	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25766	20.526	ug/l	99
3) Chloromethane	2.21	50	31083	19.779	ug/l	95
4) Vinyl Chloride	2.37	62	49483	20.791	ug/l	97
5) Bromomethane	2.78	94	36348	19.494	ug/l	96
6) Chloroethane	2.92	64	33161	20.219	ug/l	100
7) Trichlorofluoromethane	3.26	101	31511	18.051	ug/l	97
8) Diethyl Ether	3.68	74	21204	19.438	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41427	20.471	ug/l	99
10) Methyl Iodide	4.26	142	62597	20.442	ug/l	99
11) Tert butyl alcohol	5.18	59	13264	96.372	ug/l	97
12) 1,1-Dichloroethene	4.04	96	43156	20.564	ug/l	98
13) Acrolein	3.89	56	16988	96.656	ug/l	99
14) Allyl chloride	4.66	41	75520	20.538	ug/l	99
15) Acrylonitrile	5.37	53	43135	97.156	ug/l	100
16) Acetone	4.12	43	36708	99.002	ug/l	96
17) Carbon Disulfide	4.37	76	132399	20.576	ug/l	100
18) Methyl Acetate	4.67	43	19054	19.358	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	65968	19.565	ug/l	98
20) Methylene Chloride	4.91	84	45452	18.788	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	48229	20.245	ug/l	97
22) Diisopropyl ether	6.31	45	142610	19.848	ug/l	99
23) Vinyl Acetate	6.26	43	425369	97.387	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87274	20.261	ug/l	99
25) 2-Butanone	7.17	43	54196	93.776	ug/l	99
26) 2,2-Dichloropropane	7.17	77	57509	20.143	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	52357	20.240	ug/l	99
28) Bromochloromethane	7.51	49	34079	19.676	ug/l	100
29) Tetrahydrofuran	7.53	42	36525	96.032	ug/l	99
30) Chloroform	7.67	83	86124	20.123	ug/l	98
31) Cyclohexane	7.95	56	87071	19.908	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	74014	20.576	ug/l	99
36) 1,1-Dichloropropene	8.08	75	72184	20.958	ug/l	99
37) Ethyl Acetate	7.25	43	27195	20.349	ug/l	99
38) Carbon Tetrachloride	8.07	117	67344	20.915	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	90200	20.689	ug/l	98
40) Benzene	8.32	78	196580	20.927	ug/l	98
41) Methacrylonitrile	7.48	41	15390	18.226	ug/l	99
42) 1,2-Dichloroethane	8.40	62	58746	20.532	ug/l	100
43) Isopropyl Acetate	8.42	43	54606	19.428	ug/l	99
44) Trichloroethene	9.09	130	50933	20.920	ug/l	95
45) 1,2-Dichloropropane	9.37	63	48210	20.775	ug/l	98
46) Dibromomethane	9.46	93	24097	20.878	ug/l	94
47) Bromodichloromethane	9.64	83	65117	20.702	ug/l	97
48) Methyl methacrylate	9.43	41	25579	19.702	ug/l	98
49) 1,4-Dioxane	9.45	88	5800	399.318	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	128701	97.707	ug/l	100
52) Toluene	10.38	92	128260	21.011	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64399	20.058	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	77780	20.575	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	32505	19.916	ug/l	95
56) Ethyl methacrylate	10.65	69	43649	19.465	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59967	20.435	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	106561	97.676	ug/l	100
59) 2-Hexanone	10.97	43	86867	97.465	ug/l	99
60) Dibromochloromethane	11.13	129	40298	20.530	ug/l	99
61) 1,2-Dibromoethane	11.23	107	31093	20.120	ug/l	98
64) Tetrachloroethene	10.86	164	42059	21.800	ug/l	89
65) Chlorobenzene	11.66	112	128732	20.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	45491	20.617	ug/l	98
67) Ethyl Benzene	11.73	91	247880	20.810	ug/l	94
68) m/p-Xylenes	11.84	106	186184	42.040	ug/l	100
69) o-Xylene	12.16	106	86972	20.898	ug/l	99
70) Styrene	12.18	104	146123	20.387	ug/l	99
71) Bromoform	12.35	173	21138	19.644	ug/l #	94
73) Isopropylbenzene	12.46	105	245021	21.454	ug/l	100
74) N-amyl acetate	12.27	43	53492	19.814	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	35995	20.147	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23920m	19.007	ug/l	
77) Bromobenzene	12.74	156	51009	21.075	ug/l	99
78) n-propylbenzene	12.80	91	295454	21.562	ug/l	98
79) 2-Chlorotoluene	12.89	91	166076	21.501	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	208468	21.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12751	20.041	ug/l	98
82) 4-Chlorotoluene	12.99	91	175497	21.439	ug/l	99
83) tert-Butylbenzene	13.21	119	178097	21.696	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	208624	21.678	ug/l	100
85) sec-Butylbenzene	13.38	105	252174	21.804	ug/l	100
86) p-Isopropyltoluene	13.50	119	232766	22.066	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	101783	21.112	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	101830	21.327	ug/l	99
89) n-Butylbenzene	13.82	91	225925	21.878	ug/l	100
90) Hexachloroethane	14.09	117	42442	21.834	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	90191	21.606	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6243	20.015	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	61875	22.054	ug/l	99
94) Hexachlorobutadiene	15.24	225	36915	22.204	ug/l	99
95) Naphthalene	15.36	128	103976	20.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	51234	21.253	ug/l	99

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

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