

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015805.D
 Acq On : 08 Jul 2020 12:57
 Operator : SY/VA
 Sample : VW0708SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:30 AM

Quant Time: Jul 09 05:05:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	322870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101887	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	7.89	113	91564	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.33	98	353441	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.62	95	131300	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25903	24.361	ug/l	100
3) Chloromethane	2.21	50	30082	20.832	ug/l	96
4) Vinyl Chloride	2.37	62	50524	22.661	ug/l	99
5) Bromomethane	2.78	94	35940	21.066	ug/l	100
6) Chloroethane	2.93	64	32897	21.863	ug/l	94
7) Trichlorofluoromethane	3.26	101	35795	22.339	ug/l	96
8) Diethyl Ether	3.68	74	20851	20.884	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42607	22.715	ug/l	98
10) Methyl Iodide	4.27	142	57316	21.855	ug/l	99
11) Tert butyl alcohol	5.18	59	16525	149.876	ug/l	96
12) 1,1-Dichloroethene	4.04	96	40622	22.027	ug/l	97
13) Acrolein	3.90	56	15884	110.133	ug/l	99
14) Allyl chloride	4.67	41	63920	21.325	ug/l	99
15) Acrylonitrile	5.37	53	42976	110.094	ug/l	99
16) Acetone	4.12	43	46060	118.403	ug/l	98
17) Carbon Disulfide	4.39	76	116782	21.287	ug/l	99
18) Methyl Acetate	4.68	43	18683	21.104	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	61039	22.114	ug/l	98
20) Methylene Chloride	4.92	84	58106	26.979	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	45327	21.220	ug/l	97
22) Diisopropyl ether	6.32	45	129134	21.378	ug/l	98
23) Vinyl Acetate	6.26	43	383866	106.843	ug/l	100
24) 1,1-Dichloroethane	6.22	63	80656	21.090	ug/l	98
25) 2-Butanone	7.18	43	59668	112.999	ug/l	98
26) 2,2-Dichloropropane	7.17	77	53569	22.327	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49350	21.516	ug/l	99
28) Bromochloromethane	7.51	49	33750	22.261	ug/l	100
29) Tetrahydrofuran	7.54	42	35843	111.859	ug/l	99
30) Chloroform	7.68	83	83047	21.243	ug/l	97
31) Cyclohexane	7.96	56	76740	21.321	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	69705	21.264	ug/l	100
36) 1,1-Dichloropropene	8.09	75	68670	21.576	ug/l	100
37) Ethyl Acetate	7.26	43	27028	21.855	ug/l	99
38) Carbon Tetrachloride	8.07	117	63955	20.766	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79460	21.158	ug/l	98
40) Benzene	8.32	78	183429	21.039	ug/l	99
41) Methacrylonitrile	7.49	41	14538	20.707	ug/l	98
42) 1,2-Dichloroethane	8.40	62	56800	20.933	ug/l	99
43) Isopropyl Acetate	8.43	43	51860	21.484	ug/l	99
44) Trichloroethene	9.10	130	47630	20.655	ug/l	97
45) 1,2-Dichloropropane	9.37	63	44575	20.801	ug/l	100
46) Dibromomethane	9.46	93	23125	20.960	ug/l	99
47) Bromodichloromethane	9.65	83	59418	20.822	ug/l	100
48) Methyl methacrylate	9.44	41	23740	21.459	ug/l	99
49) 1,4-Dioxane	9.45	88	6522	478.151	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	129228	109.706	ug/l	98
52) Toluene	10.39	92	118611	21.141	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56262	20.548	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	68444	20.897	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32336	21.137	ug/l	99
56) Ethyl methacrylate	10.65	69	39048	20.761	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57779	21.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97507	106.101	ug/l	98
59) 2-Hexanone	10.97	43	87185	110.907	ug/l	98
60) Dibromochloromethane	11.13	129	36138	20.453	ug/l	100
61) 1,2-Dibromoethane	11.24	107	30347	20.731	ug/l	97
64) Tetrachloroethene	10.87	164	40828	21.588	ug/l	92
65) Chlorobenzene	11.66	112	123673	21.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43591	21.077	ug/l	100
67) Ethyl Benzene	11.73	91	228944	21.154	ug/l	98
68) m/p-Xylenes	11.84	106	173039	42.562	ug/l	99
69) o-Xylene	12.17	106	78032	21.027	ug/l	100
70) Styrene	12.18	104	135374	21.200	ug/l	100
71) Bromoform	12.35	173	19137	20.272	ug/l #	99
73) Isopropylbenzene	12.47	105	222364	20.605	ug/l	99
74) N-amyl acetate	12.27	43	47684	20.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	37154	20.720	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27489m	20.419	ug/l	
77) Bromobenzene	12.75	156	48480	20.035	ug/l	99
78) n-propylbenzene	12.80	91	274755	20.976	ug/l	99
79) 2-Chlorotoluene	12.90	91	153015	20.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	193683	21.058	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	10457	20.021	ug/l	95
82) 4-Chlorotoluene	12.99	91	163649	20.979	ug/l	99
83) tert-Butylbenzene	13.21	119	159332	20.866	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	194310	21.154	ug/l	100
85) sec-Butylbenzene	13.38	105	233556	21.179	ug/l	100
86) p-Isopropyltoluene	13.50	119	213900	21.241	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	98862	20.382	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100323	21.127	ug/l	99
89) n-Butylbenzene	13.82	91	204554	21.226	ug/l	99
90) Hexachloroethane	14.10	117	37694	20.652	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	89076	21.197	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6044	21.096	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	54943	20.738	ug/l	99
94) Hexachlorobutadiene	15.24	225	33406	19.859	ug/l	99
95) Naphthalene	15.37	128	89174	19.818	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	46805	20.762	ug/l	98

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

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