

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011782.D
 Acq On : 08 Aug 2019 21:37
 Operator : SY/VA
 Sample : VW0810SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 10:55:16 AM

Quant Time: Aug 09 05:51:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140331	56.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.12%	
35) Dibromofluoromethane	7.88	113	109910	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
50) Toluene-d8	10.32	98	448776	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	159819	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31248	25.719	ug/l	96
3) Chloromethane	2.21	50	50056	23.759	ug/l	100
4) Vinyl Chloride	2.35	62	58950	23.241	ug/l	99
5) Bromomethane	2.73	94	29639	21.111	ug/l	99
6) Chloroethane	2.91	64	32927	22.726	ug/l	99
7) Trichlorofluoromethane	3.25	101	24523	21.633	ug/l	94
8) Diethyl Ether	3.68	74	30526	23.751	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49384	22.965	ug/l	99
10) Methyl Iodide	4.27	142	69512	22.874	ug/l	99
11) Tert butyl alcohol	5.17	59	21487	106.037	ug/l	98
12) 1,1-Dichloroethene	4.04	96	50743	22.349	ug/l	97
13) Acrolein	3.89	56	14481	80.619	ug/l	94
14) Allyl chloride	4.67	41	109688	22.714	ug/l	99
15) Acrylonitrile	5.36	53	76042	118.521	ug/l	98
16) Acetone	4.12	43	69848	87.715	ug/l	97
17) Carbon Disulfide	4.38	76	153640	21.621	ug/l	100
18) Methyl Acetate	4.67	43	45031	25.172	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	84992	23.589	ug/l	100
20) Methylene Chloride	4.92	84	64961	23.654	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54562	22.290	ug/l	97
22) Diisopropyl ether	6.31	45	216578	23.788	ug/l	99
23) Vinyl Acetate	6.25	43	650438	113.695	ug/l	100
24) 1,1-Dichloroethane	6.21	63	112110	22.992	ug/l	99
25) 2-Butanone	7.17	43	106018	101.745	ug/l	97
26) 2,2-Dichloropropane	7.17	77	57562	19.195	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62248	23.106	ug/l	98
28) Bromochloromethane	7.51	49	48008	22.181	ug/l #	100
29) Tetrahydrofuran	7.53	42	72062	120.988	ug/l	98
30) Chloroform	7.67	83	104037	23.127	ug/l	98
31) Cyclohexane	7.95	56	103440	22.100	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	79020	23.065	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83003	21.935	ug/l	99
37) Ethyl Acetate	7.25	43	49864	22.905	ug/l	99
38) Carbon Tetrachloride	8.07	117	70667	21.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92524	22.206	ug/l	99
40) Benzene	8.32	78	238571	22.509	ug/l	99
41) Methacrylonitrile	7.48	41	29471	22.646	ug/l	95
42) 1,2-Dichloroethane	8.40	62	76205	22.964	ug/l	100
43) Isopropyl Acetate	8.42	43	90612	22.632	ug/l	99
44) Trichloroethene	9.09	130	57190	22.450	ug/l	99
45) 1,2-Dichloropropane	9.37	63	63872	22.522	ug/l	100
46) Dibromomethane	9.46	93	29437	22.742	ug/l	99
47) Bromodichloromethane	9.65	83	76629	22.569	ug/l	100
48) Methyl methacrylate	9.43	41	43630	22.686	ug/l	100
49) 1,4-Dioxane	9.45	88	9266	494.399	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	239885	115.190	ug/l	100
52) Toluene	10.38	92	144349	22.552	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	77897	21.962	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	94590	22.430	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41253	22.462	ug/l	98
56) Ethyl methacrylate	10.65	69	61681	22.952	ug/l	99
57) 1,3-Dichloropropane	10.93	76	80484	23.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	153098	125.468	ug/l	99
59) 2-Hexanone	10.97	43	163253	111.027	ug/l	99
60) Dibromochloromethane	11.13	129	45387	22.264	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38901	22.383	ug/l	99
64) Tetrachloroethene	10.86	164	46682	22.162	ug/l	99
65) Chlorobenzene	11.66	112	144140	22.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	49230	21.730	ug/l	98
67) Ethyl Benzene	11.73	91	273412	22.072	ug/l	98
68) m/p-Xylenes	11.84	106	198306	44.020	ug/l	99
69) o-Xylene	12.16	106	92881	22.187	ug/l	99
70) Styrene	12.18	104	161763	22.349	ug/l	100
71) Bromoform	12.35	173	25819	22.352	ug/l #	99
73) Isopropylbenzene	12.46	105	259579	22.168	ug/l	99
74) N-amyl acetate	12.27	43	84231	22.977	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50287	22.831	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34477m	20.759	ug/l	
77) Bromobenzene	12.74	156	58192	22.484	ug/l	99
78) n-propylbenzene	12.80	91	313412	21.993	ug/l	100
79) 2-Chlorotoluene	12.89	91	182803	22.267	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	220576	22.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15562	21.595	ug/l	98
82) 4-Chlorotoluene	12.99	91	192230	22.317	ug/l	100
83) tert-Butylbenzene	13.21	119	184044	22.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	223917	22.646	ug/l	99
85) sec-Butylbenzene	13.38	105	262049	22.375	ug/l	100
86) p-Isopropyltoluene	13.50	119	233810	22.003	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111995	22.069	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110340	21.857	ug/l	98
89) n-Butylbenzene	13.82	91	230567	21.742	ug/l	99
90) Hexachloroethane	14.09	117	40997	21.818	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	101719	22.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8458	22.519	ug/l	99

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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	69754	22.051	ug/l	99
94) Hexachlorobutadiene	15.24	225	44154	22.383	ug/l	97
95) Naphthalene	15.36	128	121189	20.816	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	60193	21.708	ug/l	99

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

