

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011636.D
 Acq On : 02 Aug 2019 23:32
 Operator : SY/VA
 Sample : VW0803SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 9:20:00 AM

Quant Time: Aug 04 00:30:38 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	217629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	147658	59.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.18%	
35) Dibromofluoromethane	7.88	113	114721	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
50) Toluene-d8	10.32	98	462985	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.62	95	166236	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27590	22.748	ug/l	93
3) Chloromethane	2.21	50	45631	21.696	ug/l	99
4) Vinyl Chloride	2.35	62	53914	21.293	ug/l	100
5) Bromomethane	2.76	94	29072	20.743	ug/l	99
6) Chloroethane	2.92	64	29227	20.207	ug/l	100
7) Trichlorofluoromethane	3.25	101	22798	20.147	ug/l	95
8) Diethyl Ether	3.68	74	29453	22.956	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44619	20.786	ug/l	100
10) Methyl Iodide	4.28	142	65176	21.485	ug/l	100
11) Tert butyl alcohol	5.15	59	22250	110.710	ug/l	97
12) 1,1-Dichloroethene	4.04	96	46699	20.604	ug/l	96
13) Acrolein	3.89	56	17003	94.825	ug/l	97
14) Allyl chloride	4.67	41	101251	21.004	ug/l	99
15) Acrylonitrile	5.36	53	73674	115.030	ug/l	99
16) Acetone	4.12	43	67344	84.718	ug/l	97
17) Carbon Disulfide	4.38	76	144415	20.358	ug/l	99
18) Methyl Acetate	4.67	43	46863	26.242	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	79919	22.220	ug/l	98
20) Methylene Chloride	4.91	84	60596	22.103	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	52466	21.471	ug/l	95
22) Diisopropyl ether	6.31	45	207333	22.812	ug/l	96
23) Vinyl Acetate	6.25	43	617112	108.058	ug/l	99
24) 1,1-Dichloroethane	6.21	63	109237	22.442	ug/l	99
25) 2-Butanone	7.16	43	106780	102.655	ug/l	100
26) 2,2-Dichloropropane	7.16	77	56634	18.919	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	57734	21.468	ug/l	97
28) Bromochloromethane	7.51	49	51126	23.663	ug/l	98
29) Tetrahydrofuran	7.53	42	68190	114.687	ug/l	99
30) Chloroform	7.67	83	100833	22.454	ug/l	100
31) Cyclohexane	7.95	56	95854	20.515	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	74823	21.878	ug/l	98
36) 1,1-Dichloropropene	8.08	75	77923	19.971	ug/l	99
37) Ethyl Acetate	7.25	43	48181	21.463	ug/l	99
38) Carbon Tetrachloride	8.07	117	66543	19.922	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84621	19.696	ug/l	99
40) Benzene	8.32	78	228942	20.948	ug/l	100
41) Methacrylonitrile	7.48	41	28370	21.142	ug/l	98
42) 1,2-Dichloroethane	8.40	62	75180	21.971	ug/l	100
43) Isopropyl Acetate	8.42	43	87702	21.243	ug/l	99
44) Trichloroethene	9.09	130	53080	20.207	ug/l	98
45) 1,2-Dichloropropane	9.37	63	62312	21.308	ug/l	98
46) Dibromomethane	9.46	93	29069	21.779	ug/l	99
47) Bromodichloromethane	9.65	83	74309	21.224	ug/l	100
48) Methyl methacrylate	9.43	41	41565	20.959	ug/l	99
49) 1,4-Dioxane	9.44	88	9099	470.824	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	230969	107.558	ug/l	100
52) Toluene	10.38	92	136988	20.755	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	73703	20.152	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89067	20.482	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41239	21.776	ug/l	96
56) Ethyl methacrylate	10.65	69	58548	21.128	ug/l	100
57) 1,3-Dichloropropane	10.93	76	77667	21.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	122732	97.544	ug/l	99
59) 2-Hexanone	10.97	43	154777	102.082	ug/l	99
60) Dibromochloromethane	11.13	129	45262	21.532	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38084	21.251	ug/l	99
64) Tetrachloroethene	10.86	164	46228	21.178	ug/l	96
65) Chlorobenzene	11.66	112	139042	20.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48979	20.862	ug/l	99
67) Ethyl Benzene	11.73	91	260136	20.265	ug/l	99
68) m/p-Xylenes	11.84	106	188963	40.477	ug/l	100
69) o-Xylene	12.16	106	89265	20.577	ug/l	100
70) Styrene	12.18	104	156109	20.813	ug/l	100
71) Bromoform	12.35	173	25104	20.972	ug/l #	99
73) Isopropylbenzene	12.46	105	243663	20.304	ug/l	99
74) N-amyl acetate	12.27	43	80161	21.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48996	21.706	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34093m	20.030	ug/l	
77) Bromobenzene	12.74	156	54354	20.492	ug/l	96
78) n-propylbenzene	12.80	91	294893	20.192	ug/l	99
79) 2-Chlorotoluene	12.89	91	173233	20.589	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	208064	20.683	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14379	19.469	ug/l	95
82) 4-Chlorotoluene	12.99	91	180156	20.408	ug/l	100
83) tert-Butylbenzene	13.21	119	174608	20.757	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	211185	20.840	ug/l	100
85) sec-Butylbenzene	13.38	105	244306	20.354	ug/l	100
86) p-Isopropyltoluene	13.50	119	218390	20.053	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107951	20.756	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	105903	20.469	ug/l	98
89) n-Butylbenzene	13.82	91	210419	19.361	ug/l	99
90) Hexachloroethane	14.09	117	40106	20.826	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	96956	21.077	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8426	21.890	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62596	19.308	ug/l	99
94) Hexachlorobutadiene	15.24	225	40083	19.826	ug/l	97
95) Naphthalene	15.37	128	114030	19.280	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	56765	19.975	ug/l	100

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

