

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010775.D
 Acq On : 12 Jun 2019 13:51
 Operator : SY/VA
 Sample : VW0612SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:32:02 AM

Quant Time: Jun 13 07:58:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157190	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
35) Dibromofluoromethane	7.88	113	120265	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	
50) Toluene-d8	10.32	98	502319	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.62	95	186236	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46370	21.356	ug/l	100
3) Chloromethane	2.21	50	69979	21.906	ug/l	98
4) Vinyl Chloride	2.35	62	60710	20.569	ug/l	98
5) Bromomethane	2.74	94	34823	21.485	ug/l	96
6) Chloroethane	2.90	64	36998	20.883	ug/l	97
7) Trichlorofluoromethane	3.25	101	83730	21.854	ug/l	100
8) Diethyl Ether	3.68	74	30073	21.964	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51249	21.757	ug/l	98
10) Methyl Iodide	4.26	142	38165	19.017	ug/l	97
11) Tert butyl alcohol	5.16	59	37792	167.502	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	49131	21.622	ug/l	99
13) Acrolein	3.89	56	7515	81.511	ug/l	97
14) Allyl chloride	4.66	41	111725	22.300	ug/l	98
15) Acrylonitrile	5.37	53	74762	112.394	ug/l	98
16) Acetone	4.12	43	80496	108.475	ug/l	99
17) Carbon Disulfide	4.37	76	149912	20.783	ug/l	100
18) Methyl Acetate	4.67	43	36934	23.122	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	146459	22.348	ug/l	98
20) Methylene Chloride	4.91	84	60213	23.130	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	57389	22.248	ug/l	97
22) Diisopropyl ether	6.31	45	232766	23.206	ug/l	96
23) Vinyl Acetate	6.26	43	675706	111.625	ug/l	100
24) 1,1-Dichloroethane	6.21	63	114030	22.685	ug/l	99
25) 2-Butanone	7.17	43	117926	114.605	ug/l	98
26) 2,2-Dichloropropane	7.17	77	99641	24.360	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63431	22.345	ug/l	95
28) Bromochloromethane	7.51	49	49855	22.224	ug/l	96
29) Tetrahydrofuran	7.53	42	70396	108.766	ug/l	99
30) Chloroform	7.68	83	103731	22.561	ug/l	99
31) Cyclohexane	7.95	56	120607	21.584	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	90781	22.603	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86985	21.833	ug/l	99
37) Ethyl Acetate	7.25	43	49130	22.253	ug/l	99
38) Carbon Tetrachloride	8.07	117	75549	21.966	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108055	21.335	ug/l	99
40) Benzene	8.32	78	241084	22.181	ug/l	98
41) Methacrylonitrile	7.48	41	28406	21.646	ug/l	99
42) 1,2-Dichloroethane	8.40	62	79701	23.104	ug/l	98
43) Isopropyl Acetate	8.43	43	95671	22.430	ug/l	99
44) Trichloroethene	9.09	130	59086	22.038	ug/l	95
45) 1,2-Dichloropropane	9.37	63	65102	22.627	ug/l	96
46) Dibromomethane	9.46	93	28806	21.555	ug/l	99
47) Bromodichloromethane	9.64	83	76523	22.090	ug/l	97
48) Methyl methacrylate	9.43	41	45159	21.959	ug/l	100
49) 1,4-Dioxane	9.45	88	8882	425.108	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	245515	112.672	ug/l	99
52) Toluene	10.39	92	147381	22.038	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	80893	22.047	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	96555	22.363	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42504	22.078	ug/l	99
56) Ethyl methacrylate	10.65	69	64399	21.739	ug/l	95
57) 1,3-Dichloropropane	10.93	76	81197	22.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	162939	105.013	ug/l	100
59) 2-Hexanone	10.97	43	172161	109.321	ug/l	98
60) Dibromochloromethane	11.13	129	46291	21.691	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39698	21.764	ug/l	98
64) Tetrachloroethene	10.86	164	49294	21.337	ug/l	98
65) Chlorobenzene	11.66	112	149312	21.821	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	52480	22.156	ug/l	100
67) Ethyl Benzene	11.73	91	288336	21.926	ug/l	100
68) m/p-Xylenes	11.84	106	205952	43.750	ug/l	100
69) o-Xylene	12.16	106	97738	21.892	ug/l	97
70) Styrene	12.18	104	168884	21.775	ug/l	99
71) Bromoform	12.35	173	25576	20.878	ug/l #	99
73) Isopropylbenzene	12.46	105	272634	21.765	ug/l	99
74) N-amyl acetate	12.27	43	89478	22.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50856	21.326	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28206m	16.113	ug/l	
77) Bromobenzene	12.75	156	58374	21.349	ug/l	95
78) n-propylbenzene	12.80	91	330663	21.892	ug/l	100
79) 2-Chlorotoluene	12.90	91	190191	22.040	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	225353	21.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15798	20.742	ug/l	97
82) 4-Chlorotoluene	12.99	91	196808	22.101	ug/l	98
83) tert-Butylbenzene	13.21	119	190505	21.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	228481	22.145	ug/l	99
85) sec-Butylbenzene	13.38	105	275557	21.750	ug/l	100
86) p-Isopropyltoluene	13.50	119	245863	21.701	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	115562	21.916	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115010	22.001	ug/l	99
89) n-Butylbenzene	13.83	91	248869	22.016	ug/l	99
90) Hexachloroethane	14.10	117	44135	21.753	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	104058	21.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9243	22.572	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	71532	21.496	ug/l	99
94) Hexachlorobutadiene	15.24	225	44977	21.536	ug/l	99
95) Naphthalene	15.37	128	123491	20.425	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61823	21.846	ug/l	99

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

