

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010777.D
 Acq On : 12 Jun 2019 14:46
 Operator : SY/VA
 Sample : VW0612SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:32:10 AM

Quant Time: Jun 13 08:04:27 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	448879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	740388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	627951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	282516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	229229	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
35) Dibromofluoromethane	7.88	113	208769	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
50) Toluene-d8	10.32	98	928655	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.62	95	312826	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	47713	11.502	ug/l	100
3) Chloromethane	2.21	50	68745	11.264	ug/l	98
4) Vinyl Chloride	2.35	62	62038	11.002	ug/l	100
5) Bromomethane	2.75	94	35959	11.613	ug/l	94
6) Chloroethane	2.90	64	37674	11.131	ug/l	97
7) Trichlorofluoromethane	3.25	101	84432	11.535	ug/l	99
8) Diethyl Ether	3.68	74	22950	8.774	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51535	11.452	ug/l	98
10) Methyl Iodide	4.26	142	38196	12.247	ug/l	98
11) Tert butyl alcohol	5.16	59	22799	52.894	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	48873	11.259	ug/l	98
13) Acrolein	3.90	56	4035	22.909	ug/l	93
14) Allyl chloride	4.67	41	105803	11.054	ug/l	98
15) Acrylonitrile	5.37	53	43040	33.869	ug/l	99
16) Acetone	4.12	43	50314	35.491	ug/l	97
17) Carbon Disulfide	4.38	76	148727	10.793	ug/l	99
18) Methyl Acetate	4.67	43	22302	7.308	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	107285	8.569	ug/l	98
20) Methylene Chloride	4.92	84	51612	10.378	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	55050	11.171	ug/l	98
22) Diisopropyl ether	6.31	45	204186	10.656	ug/l	99
23) Vinyl Acetate	6.26	43	468279	40.493	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107995	11.246	ug/l	99
25) 2-Butanone	7.17	43	71144	36.191	ug/l	98
26) 2,2-Dichloropropane	7.17	77	97972	12.537	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	57779	10.654	ug/l	94
28) Bromochloromethane	7.51	49	40130	9.364	ug/l	96
29) Tetrahydrofuran	7.52	42	41181	33.305	ug/l	99
30) Chloroform	7.68	83	96016	10.931	ug/l	100
31) Cyclohexane	7.95	56	125484	11.755	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	88513	11.536	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85035	11.220	ug/l	99
37) Ethyl Acetate	7.26	43	29765	7.087	ug/l	98
38) Carbon Tetrachloride	8.07	117	75060	11.473	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107332	11.141	ug/l	98
40) Benzene	8.32	78	229541	11.102	ug/l	100
41) Methacrylonitrile	7.49	41	19380	7.764	ug/l	93
42) 1,2-Dichloroethane	8.40	62	59683	9.095	ug/l	99
43) Isopropyl Acetate	8.43	43	58790	7.246	ug/l	96
44) Trichloroethene	9.09	130	56264	11.032	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57631	10.530	ug/l	97
46) Dibromomethane	9.46	93	20799	8.182	ug/l	99
47) Bromodichloromethane	9.65	83	65911	10.002	ug/l	95
48) Methyl methacrylate	9.44	41	30076	7.688	ug/l	95
49) 1,4-Dioxane	9.45	88	5374	135.215	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	147497	35.585	ug/l	99
52) Toluene	10.39	92	139038	10.930	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	61713	8.842	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	80168	9.761	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	29924	8.171	ug/l	99
56) Ethyl methacrylate	10.65	69	43745	7.763	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59148	8.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90551	30.680	ug/l	100
59) 2-Hexanone	10.97	43	103250	34.467	ug/l	98
60) Dibromochloromethane	11.13	129	34485	8.495	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27354	7.884	ug/l	99
64) Tetrachloroethene	10.86	164	46944	11.259	ug/l	96
65) Chlorobenzene	11.66	112	136351	11.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45282	10.593	ug/l	99
67) Ethyl Benzene	11.73	91	276591	11.655	ug/l	100
68) m/p-Xylenes	11.84	106	196971	23.185	ug/l	98
69) o-Xylene	12.17	106	90070	11.179	ug/l	96
70) Styrene	12.18	104	152962	10.928	ug/l	99
71) Bromoform	12.35	173	17276	7.814	ug/l #	98
73) Isopropylbenzene	12.47	105	263800	12.426	ug/l	99
74) N-amyl acetate	12.27	43	58246	8.489	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	32635	8.075	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24601m	8.292	ug/l	
77) Bromobenzene	12.75	156	51017	11.009	ug/l	98
78) n-propylbenzene	12.80	91	322311	12.591	ug/l	99
79) 2-Chlorotoluene	12.90	91	178258	12.188	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	216957	12.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	9382	7.268	ug/l	95
82) 4-Chlorotoluene	12.99	91	183195	12.138	ug/l	99
83) tert-Butylbenzene	13.21	119	190549	12.921	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	217314	12.428	ug/l	98
85) sec-Butylbenzene	13.39	105	269133	12.534	ug/l	100
86) p-Isopropyltoluene	13.50	119	239529	12.475	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	104007	11.638	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	101104	11.412	ug/l	98
89) n-Butylbenzene	13.83	91	245964	12.839	ug/l	99
90) Hexachloroethane	14.10	117	41528	12.077	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	87037	10.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5518	7.951	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	58988	10.459	ug/l	99
94) Hexachlorobutadiene	15.24	225	42323	11.957	ug/l	99
95) Naphthalene	15.37	128	76358	7.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	47177	9.836	ug/l	99

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

