

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013497.D
 Acq On : 09 Oct 2019 12:17
 Operator : SY/VA
 Sample : VW1009SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 4:40:34 PM

Quant Time: Oct 10 03:13:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	310208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120857	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.88	113	120979	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.32	98	516122	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	172776	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	17811	17.334	ug/l	99
3) Chloromethane	2.21	50	38996	21.591	ug/l	99
4) Vinyl Chloride	2.36	62	58709	22.037	ug/l	97
5) Bromomethane	2.78	94	32732	20.591	ug/l	95
6) Chloroethane	2.92	64	30289	20.244	ug/l	95
7) Trichlorofluoromethane	3.26	101	28400	22.530	ug/l	92
8) Diethyl Ether	3.68	74	27153	20.812	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53741	20.686	ug/l	96
10) Methyl Iodide	4.27	142	83011	20.179	ug/l	99
11) Tert butyl alcohol	5.20	59	20713m	107.866	ug/l	
12) 1,1-Dichloroethene	4.04	96	55743	20.704	ug/l	99
13) Acrolein	3.90	56	26020	123.163	ug/l	98
14) Allyl chloride	4.67	41	85492	20.663	ug/l	99
15) Acrylonitrile	5.37	53	68227	111.886	ug/l	99
16) Acetone	4.14	43	62029	111.219	ug/l	99
17) Carbon Disulfide	4.39	76	155160	20.531	ug/l	99
18) Methyl Acetate	4.67	43	34353	21.503	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	85498	21.001	ug/l	99
20) Methylene Chloride	4.91	84	58910	19.362	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	59471	20.787	ug/l	96
22) Diisopropyl ether	6.31	45	156727	20.217	ug/l	97
23) Vinyl Acetate	6.25	43	499281	107.278	ug/l	99
24) 1,1-Dichloroethane	6.21	63	95861	20.232	ug/l	98
25) 2-Butanone	7.17	43	89412	108.781	ug/l	98
26) 2,2-Dichloropropane	7.17	77	65576	21.469	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	62693	20.710	ug/l	99
28) Bromochloromethane	7.51	49	27029	16.399	ug/l #	99
29) Tetrahydrofuran	7.53	42	57628	114.716	ug/l	98
30) Chloroform	7.67	83	94780	20.680	ug/l	98
31) Cyclohexane	7.95	56	101642	20.268	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	77810	20.885	ug/l	98
36) 1,1-Dichloropropene	8.08	75	82335	20.657	ug/l	100
37) Ethyl Acetate	7.26	43	37834	20.921	ug/l	97
38) Carbon Tetrachloride	8.07	117	73181	20.712	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109231	21.153	ug/l	97
40) Benzene	8.32	78	226765	20.381	ug/l	98
41) Methacrylonitrile	7.48	41	23850	23.192	ug/l	96
42) 1,2-Dichloroethane	8.40	62	58961	20.966	ug/l	98
43) Isopropyl Acetate	8.42	43	71561	21.903	ug/l	97
44) Trichloroethene	9.09	130	66075	20.817	ug/l	95
45) 1,2-Dichloropropane	9.37	63	54268	20.322	ug/l	98
46) Dibromomethane	9.46	93	28245	21.231	ug/l	98
47) Bromodichloromethane	9.64	83	66967	20.250	ug/l	97
48) Methyl methacrylate	9.43	41	34331	21.332	ug/l	98
49) 1,4-Dioxane	9.48	88	10863	465.027	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	187090	108.921	ug/l	100
52) Toluene	10.38	92	147624	20.598	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	70594	20.543	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	83850	20.141	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41958	21.012	ug/l	94
56) Ethyl methacrylate	10.65	69	57536	21.393	ug/l	98
57) 1,3-Dichloropropane	10.93	76	72428	21.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	131596	103.713	ug/l	98
59) 2-Hexanone	10.97	43	130095	110.452	ug/l	99
60) Dibromochloromethane	11.13	129	47446	20.661	ug/l	97
61) 1,2-Dibromoethane	11.24	107	40503	21.325	ug/l	99
64) Tetrachloroethene	10.86	164	56826	20.886	ug/l	98
65) Chlorobenzene	11.66	112	152981	20.826	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	52166	20.444	ug/l	99
67) Ethyl Benzene	11.73	91	278922	20.775	ug/l	100
68) m/p-Xylenes	11.84	106	212478	41.595	ug/l	98
69) o-Xylene	12.16	106	98093	20.784	ug/l	98
70) Styrene	12.18	104	166180	20.507	ug/l	98
71) Bromoform	12.35	173	30715	21.940	ug/l #	97
73) Isopropylbenzene	12.46	105	278449	20.674	ug/l	100
74) N-amyl acetate	12.27	43	61478	20.871	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	49799	21.693	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	38429m	24.540	ug/l	
77) Bromobenzene	12.74	156	65622	20.556	ug/l	98
78) n-propylbenzene	12.80	91	324682	20.847	ug/l	98
79) 2-Chlorotoluene	12.89	91	176545	20.233	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	230667	20.612	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16502	21.541	ug/l	96
82) 4-Chlorotoluene	12.99	91	186807	20.627	ug/l	100
83) tert-Butylbenzene	13.21	119	209811	21.111	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	226203	20.438	ug/l	98
85) sec-Butylbenzene	13.38	105	287297	20.922	ug/l	100
86) p-Isopropyltoluene	13.50	119	263852	20.913	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	124823	20.621	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	122864	20.719	ug/l	99
89) n-Butylbenzene	13.82	91	238404	20.918	ug/l	100
90) Hexachloroethane	14.09	117	43834	20.305	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	110607	20.695	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8045	21.983	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	77339	20.475	ug/l	99
94) Hexachlorobutadiene	15.24	225	54615	21.758	ug/l	98
95) Naphthalene	15.36	128	137703	21.075	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	69670	21.093	ug/l	99

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

