

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013455.D
 Acq On : 07 Oct 2019 11:42
 Operator : SY/VA
 Sample : VW1007SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 1:30:44 PM

Quant Time: Oct 07 17:08:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	349381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	500742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	214702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139973	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.88	113	143855	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	10.32	98	598711	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.62	95	204250	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26648	19.720	ug/l	91
3) Chloromethane	2.20	50	47654	21.370	ug/l	100
4) Vinyl Chloride	2.36	62	65998	20.854	ug/l	98
5) Bromomethane	2.76	94	39271	20.197	ug/l	90
6) Chloroethane	2.91	64	35801	19.591	ug/l	98
7) Trichlorofluoromethane	3.25	101	31343	22.828	ug/l	100
8) Diethyl Ether	3.68	74	32294	20.321	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63938	21.004	ug/l	98
10) Methyl Iodide	4.26	142	99951	20.332	ug/l	98
11) Tert butyl alcohol	5.19	59	25019m	101.814	ug/l	
12) 1,1-Dichloroethene	4.04	96	66389	20.642	ug/l	98
13) Acrolein	3.89	56	23626	96.361	ug/l	97
14) Allyl chloride	4.66	41	101069	21.243	ug/l	99
15) Acrylonitrile	5.37	53	72896	101.469	ug/l	98
16) Acetone	4.12	43	62179	77.760	ug/l	98
17) Carbon Disulfide	4.38	76	188983	21.063	ug/l #	95
18) Methyl Acetate	4.67	43	36669	19.593	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	100394	21.209	ug/l	96
20) Methylene Chloride	4.92	84	72888	20.789	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	70625	20.620	ug/l	97
22) Diisopropyl ether	6.31	45	191660	20.859	ug/l	98
23) Vinyl Acetate	6.25	43	573079	103.944	ug/l	97
24) 1,1-Dichloroethane	6.21	63	116836	20.877	ug/l	99
25) 2-Butanone	7.17	43	93054	90.946	ug/l	99
26) 2,2-Dichloropropane	7.17	77	75372	22.360	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	74600	20.808	ug/l	98
28) Bromochloromethane	7.51	49	35933	17.758	ug/l	95
29) Tetrahydrofuran	7.52	42	58975	104.948	ug/l	98
30) Chloroform	7.67	83	113525	20.687	ug/l	97
31) Cyclohexane	7.95	56	124513	20.862	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	92762	21.577	ug/l	99
36) 1,1-Dichloropropene	8.08	75	98023	21.076	ug/l	97
37) Ethyl Acetate	7.25	43	43236	21.150	ug/l	98
38) Carbon Tetrachloride	8.06	117	87716	21.772	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	130050	21.232	ug/l	98
40) Benzene	8.32	78	277221	21.056	ug/l	98
41) Methacrylonitrile	7.48	41	23878	19.293	ug/l	96
42) 1,2-Dichloroethane	8.40	62	69742	20.610	ug/l	97
43) Isopropyl Acetate	8.42	43	78075	20.209	ug/l	99
44) Trichloroethene	9.09	130	77430	20.885	ug/l	93
45) 1,2-Dichloropropane	9.37	63	66416	21.010	ug/l	94
46) Dibromomethane	9.46	93	32278	20.500	ug/l	96
47) Bromodichloromethane	9.65	83	80096	20.664	ug/l	97
48) Methyl methacrylate	9.43	41	38653	20.823	ug/l	98
49) 1,4-Dioxane	9.45	88	10193	407.437	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	197904	97.501	ug/l	98
52) Toluene	10.38	92	178510	21.021	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	84952	21.071	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	102695	21.009	ug/l	97
55) 1,1,2-Trichloroethane	10.78	97	47492	20.220	ug/l	99
56) Ethyl methacrylate	10.65	69	64448	20.385	ug/l	97
57) 1,3-Dichloropropane	10.93	76	84483	20.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	146237	112.606	ug/l	98
59) 2-Hexanone	10.97	43	137594	97.801	ug/l	100
60) Dibromochloromethane	11.13	129	55249	20.561	ug/l	99
61) 1,2-Dibromoethane	11.24	107	46598	20.531	ug/l	97
64) Tetrachloroethene	10.86	164	67286	20.787	ug/l	97
65) Chlorobenzene	11.66	112	183828	21.089	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	63268	21.311	ug/l	99
67) Ethyl Benzene	11.73	91	338447	21.664	ug/l	99
68) m/p-Xylenes	11.84	106	259784	43.081	ug/l	100
69) o-Xylene	12.16	106	118223	21.205	ug/l	99
70) Styrene	12.18	104	202777	21.276	ug/l	99
71) Bromoform	12.35	173	34500	21.434	ug/l #	98
73) Isopropylbenzene	12.46	105	332636	21.180	ug/l	100
74) N-amyl acetate	12.27	43	70754	21.169	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	55511	20.883	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44910m	23.535	ug/l	
77) Bromobenzene	12.74	156	78896	20.922	ug/l	99
78) n-propylbenzene	12.80	91	387679	21.460	ug/l	100
79) 2-Chlorotoluene	12.89	91	215129	21.440	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	280350	21.489	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	18640	23.228	ug/l	92
82) 4-Chlorotoluene	12.99	91	226580	21.557	ug/l	99
83) tert-Butylbenzene	13.21	119	245798	21.570	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	272948	21.046	ug/l	100
85) sec-Butylbenzene	13.38	105	342150	21.778	ug/l	99
86) p-Isopropyltoluene	13.50	119	319788	21.963	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	150468	21.209	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146852	20.673	ug/l	99
89) n-Butylbenzene	13.82	91	288764	21.998	ug/l	100
90) Hexachloroethane	14.09	117	51965	21.602	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	132963	21.200	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8333	20.958	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	93396	20.750	ug/l	98
94) Hexachlorobutadiene	15.23	225	63328	21.659	ug/l	98
95) Naphthalene	15.36	128	156946	20.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	81310	20.691	ug/l	99

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

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