

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011868.D
 Acq On : 12 Aug 2019 23:53
 Operator : SY/VA
 Sample : VW0812SBSD03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD03

Manual Integrations
 APPROVED

MMDadoda
 8/13/2019 2:36:49 PM

Quant Time: Aug 13 09:37:56 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	196914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132657	58.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.34%	
35) Dibromofluoromethane	7.88	113	105120	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
50) Toluene-d8	10.32	98	416687	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	146682	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25616	23.342	ug/l	97
3) Chloromethane	2.21	50	41460	21.787	ug/l	97
4) Vinyl Chloride	2.36	62	48117	21.002	ug/l	97
5) Bromomethane	2.76	94	25796	20.342	ug/l	100
6) Chloroethane	2.92	64	27391	20.930	ug/l	100
7) Trichlorofluoromethane	3.25	101	21953	21.441	ug/l	95
8) Diethyl Ether	3.68	74	26319	22.671	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42840	22.056	ug/l	97
10) Methyl Iodide	4.28	142	60148	21.913	ug/l	98
11) Tert butyl alcohol	5.17	59	16493	87.227	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	42944	20.940	ug/l	97
13) Acrolein	3.90	56	11210	69.094	ug/l	97
14) Allyl chloride	4.67	41	94197	21.596	ug/l	98
15) Acrylonitrile	5.37	53	64973	112.117	ug/l	99
16) Acetone	4.12	43	58477	81.302	ug/l	99
17) Carbon Disulfide	4.39	76	128968	20.093	ug/l	98
18) Methyl Acetate	4.67	43	41512	25.691	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	74657	22.941	ug/l	98
20) Methylene Chloride	4.92	84	56301	22.697	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	48188	21.795	ug/l	98
22) Diisopropyl ether	6.31	45	189992	23.103	ug/l	96
23) Vinyl Acetate	6.26	43	546823	105.823	ug/l	100
24) 1,1-Dichloroethane	6.21	63	99447	22.580	ug/l	99
25) 2-Butanone	7.17	43	90662	96.329	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50849	18.773	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	52803	21.700	ug/l	99
28) Bromochloromethane	7.51	49	47366	24.229	ug/l #	98
29) Tetrahydrofuran	7.53	42	59993	111.515	ug/l	99
30) Chloroform	7.68	83	93233	22.945	ug/l	99
31) Cyclohexane	7.96	56	88385	20.906	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	70360	22.737	ug/l	99
36) 1,1-Dichloropropene	8.08	75	71803	20.348	ug/l	99
37) Ethyl Acetate	7.25	43	41652	20.516	ug/l	98
38) Carbon Tetrachloride	8.07	117	62018	20.530	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77491	19.943	ug/l	99
40) Benzene	8.32	78	208795	21.124	ug/l	98
41) Methacrylonitrile	7.48	41	23749	19.569	ug/l	93
42) 1,2-Dichloroethane	8.40	62	67984	21.968	ug/l	100
43) Isopropyl Acetate	8.43	43	76782	20.565	ug/l	97
44) Trichloroethene	9.09	130	49493	20.833	ug/l	99
45) 1,2-Dichloropropane	9.37	63	57103	21.591	ug/l	98
46) Dibromomethane	9.46	93	25892	21.450	ug/l	99
47) Bromodichloromethane	9.65	83	67569	21.340	ug/l	98
48) Methyl methacrylate	9.43	41	37488	20.902	ug/l	99
49) 1,4-Dioxane	9.45	88	7655	437.980	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	202142	104.085	ug/l	99
52) Toluene	10.38	92	124059	20.784	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	67263	20.336	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	80812	20.548	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36508	21.316	ug/l	99
56) Ethyl methacrylate	10.65	69	51166	20.416	ug/l	97
57) 1,3-Dichloropropane	10.93	76	68443	21.123	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	129615	113.905	ug/l	99
59) 2-Hexanone	10.97	43	132602	96.703	ug/l	99
60) Dibromochloromethane	11.13	129	39976	21.028	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32895	20.296	ug/l	97
64) Tetrachloroethene	10.86	164	41310	21.272	ug/l	96
65) Chlorobenzene	11.66	112	126225	21.050	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	45119	21.601	ug/l	98
67) Ethyl Benzene	11.73	91	239243	20.948	ug/l	100
68) m/p-Xylenes	11.84	106	174230	41.949	ug/l	100
69) o-Xylene	12.16	106	80234	20.788	ug/l	98
70) Styrene	12.18	104	141064	21.139	ug/l	99
71) Bromoform	12.35	173	22032	20.688	ug/l	# 96
73) Isopropylbenzene	12.46	105	220736	20.712	ug/l	99
74) N-amyl acetate	12.27	43	66323	19.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43833	21.866	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	30442m	20.139	ug/l	
77) Bromobenzene	12.75	156	49904	21.185	ug/l	100
78) n-propylbenzene	12.80	91	269956	20.814	ug/l	100
79) 2-Chlorotoluene	12.89	91	159091	21.292	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	190562	21.331	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12771	19.472	ug/l	93
82) 4-Chlorotoluene	12.99	91	163475	20.852	ug/l	99
83) tert-Butylbenzene	13.21	119	159084	21.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	188826	20.983	ug/l	99
85) sec-Butylbenzene	13.38	105	221280	20.759	ug/l	100
86) p-Isopropyltoluene	13.50	119	198863	20.562	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96198	20.828	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	93886	20.434	ug/l	98
89) n-Butylbenzene	13.82	91	190055	19.691	ug/l	99
90) Hexachloroethane	14.09	117	35401	20.700	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	84744	20.745	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6861	20.071	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	54483	18.924	ug/l	98
94) Hexachlorobutadiene	15.24	225	34827	19.398	ug/l	96
95) Naphthalene	15.36	128	95300	18.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	47446	18.801	ug/l	99

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

