

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012761.D
 Acq On : 08 Sep 2019 11:33
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 11:25:43 AM

Quant Time: Sep 09 06:59:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133543	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	7.88	113	107087	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	10.32	98	392093	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.62	95	149223	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	54608	43.917	ug/l	98
3) Chloromethane	2.21	50	69853	46.225	ug/l	99
4) Vinyl Chloride	2.36	62	93405	50.411	ug/l	98
5) Bromomethane	2.78	94	53151	52.827	ug/l	97
6) Chloroethane	2.92	64	57580	52.077	ug/l	98
7) Trichlorofluoromethane	3.26	101	61506	48.104	ug/l	96
8) Diethyl Ether	3.68	74	55852	51.973	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105561	52.609	ug/l	100
10) Methyl Iodide	4.27	142	129885	51.420	ug/l	98
11) Tert butyl alcohol	5.20	59	39766	202.807	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	98588	52.049	ug/l	97
13) Acrolein	3.89	56	51076	245.469	ug/l	98
14) Allyl chloride	4.66	41	203323	51.890	ug/l	99
15) Acrylonitrile	5.37	53	136837	218.008	ug/l	97
16) Acetone	4.13	43	164119	234.906	ug/l	98
17) Carbon Disulfide	4.38	76	200498	49.868	ug/l	99
18) Methyl Acetate	4.67	43	68953	42.066	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	192155	51.153	ug/l	100
20) Methylene Chloride	4.92	84	106377	48.668	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	99252	51.354	ug/l	98
22) Diisopropyl ether	6.30	45	387745	49.894	ug/l	91
23) Vinyl Acetate	6.25	43	1228178	249.371	ug/l	99
24) 1,1-Dichloroethane	6.21	63	215365	51.468	ug/l	99
25) 2-Butanone	7.17	43	206452	204.572	ug/l	99
26) 2,2-Dichloropropane	7.16	77	144613	54.718	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	119070	53.133	ug/l	99
28) Bromochloromethane	7.51	49	106703	55.535	ug/l	99
29) Tetrahydrofuran	7.52	42	122142	216.489	ug/l	100
30) Chloroform	7.67	83	218305	52.641	ug/l	98
31) Cyclohexane	7.95	56	168420	44.708	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	177277	52.737	ug/l	100
36) 1,1-Dichloropropene	8.08	75	158226	53.478	ug/l	99
37) Ethyl Acetate	7.25	43	84678	44.896	ug/l	99
38) Carbon Tetrachloride	8.06	117	159805	54.792	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	168058	50.574	ug/l	98
40) Benzene	8.32	78	428589	52.210	ug/l	99
41) Methacrylonitrile	7.48	41	59790	46.892	ug/l	93
42) 1,2-Dichloroethane	8.40	62	151803	52.544	ug/l	100
43) Isopropyl Acetate	8.42	43	161934	45.317	ug/l	98
44) Trichloroethene	9.09	130	107372	50.742	ug/l	97
45) 1,2-Dichloropropane	9.37	63	114899	50.465	ug/l	99
46) Dibromomethane	9.46	93	49339	45.763	ug/l	97
47) Bromodichloromethane	9.64	83	156944	52.910	ug/l	99
48) Methyl methacrylate	9.43	41	71740	42.011	ug/l	99
49) 1,4-Dioxane	9.46	88	15186	713.075	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	376121	200.595	ug/l	99
52) Toluene	10.38	92	260597	50.862	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	161383	52.911	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	185150	53.510	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	79462	49.230	ug/l	97
56) Ethyl methacrylate	10.65	69	115041	48.690	ug/l	99
57) 1,3-Dichloropropane	10.93	76	148998	49.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	319584	254.784	ug/l	99
59) 2-Hexanone	10.96	43	309191	225.709	ug/l	99
60) Dibromochloromethane	11.13	129	100139	52.751	ug/l	100
61) 1,2-Dibromoethane	11.23	107	74412	50.285	ug/l	99
64) Tetrachloroethene	10.86	164	92083	50.122	ug/l	99
65) Chlorobenzene	11.66	112	287763	50.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	111982	52.547	ug/l	99
67) Ethyl Benzene	11.73	91	563840	52.515	ug/l	99
68) m/p-Xylenes	11.83	106	398817	102.907	ug/l	98
69) o-Xylene	12.16	106	188359	51.517	ug/l	100
70) Styrene	12.18	104	326340	50.510	ug/l	99
71) Bromoform	12.35	173	55738	47.076	ug/l #	100
73) Isopropylbenzene	12.46	105	545168	51.492	ug/l	100
74) N-amyl acetate	12.27	43	149744	44.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	95599	44.961	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	63442m	42.030	ug/l	
77) Bromobenzene	12.74	156	114697	47.816	ug/l	97
78) n-propylbenzene	12.80	91	654158	51.661	ug/l	100
79) 2-Chlorotoluene	12.89	91	370738	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	458299	51.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	32942	46.159	ug/l	98
82) 4-Chlorotoluene	12.99	91	394145	51.260	ug/l	100
83) tert-Butylbenzene	13.21	119	368317	46.691	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	413462	45.994	ug/l	99
85) sec-Butylbenzene	13.38	105	544406	49.734	ug/l	100
86) p-Isopropyltoluene	13.50	119	505665	50.574	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	237320	50.336	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	226819	48.347	ug/l	99
89) n-Butylbenzene	13.82	91	498626	51.369	ug/l	99
90) Hexachloroethane	14.09	117	90784	52.011	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	212495	50.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15254	39.202	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	131614	44.547	ug/l	98
94) Hexachlorobutadiene	15.24	225	88302	43.180	ug/l	97
95) Naphthalene	15.36	128	224565	37.480	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	113729	43.609	ug/l	99

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

