

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012883.D
 Acq On : 10 Sep 2019 22:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:36 AM

Quant Time: Sep 11 08:46:00 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	192876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	135260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110058	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.88	113	91893	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.32	98	368341	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.62	95	132607	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	49202	47.055	ug/l	94
3) Chloromethane	2.21	50	64497	50.755	ug/l	96
4) Vinyl Chloride	2.36	62	79133	50.788	ug/l	98
5) Bromomethane	2.77	94	52863	62.480	ug/l	91
6) Chloroethane	2.92	64	52713	56.694	ug/l	99
7) Trichlorofluoromethane	3.25	101	54156	50.368	ug/l	100
8) Diethyl Ether	3.68	74	49358	54.619	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	88879	52.675	ug/l	97
10) Methyl Iodide	4.26	142	119688	56.347	ug/l	98
11) Tert butyl alcohol	5.15	59	45410	275.404	ug/l	100
12) 1,1-Dichloroethene	4.04	96	81202	50.980	ug/l	93
13) Acrolein	3.89	56	37711	215.524	ug/l	97
14) Allyl chloride	4.66	41	161365	48.973	ug/l	98
15) Acrylonitrile	5.36	53	136417	258.454	ug/l	99
16) Acetone	4.11	43	128820	219.263	ug/l	99
17) Carbon Disulfide	4.38	76	160984	47.615	ug/l	99
18) Methyl Acetate	4.67	43	74359	53.946	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	181157	57.348	ug/l	98
20) Methylene Chloride	4.92	84	99422	54.091	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	89501	55.070	ug/l	89
22) Diisopropyl ether	6.31	45	360782	55.207	ug/l	97
23) Vinyl Acetate	6.25	43	1086163	262.257	ug/l	98
24) 1,1-Dichloroethane	6.21	63	191645	54.464	ug/l	99
25) 2-Butanone	7.17	43	193925	226.208	ug/l	97
26) 2,2-Dichloropropane	7.17	77	116800	52.555	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	109986	58.365	ug/l	95
28) Bromochloromethane	7.51	49	78059	48.312	ug/l	91
29) Tetrahydrofuran	7.52	42	119942	252.807	ug/l	95
30) Chloroform	7.67	83	194331	55.725	ug/l	96
31) Cyclohexane	7.95	56	142166	44.878	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	155548	55.026	ug/l	98
36) 1,1-Dichloropropene	8.08	75	133912	51.470	ug/l	99
37) Ethyl Acetate	7.25	43	80625	48.612	ug/l	98
38) Carbon Tetrachloride	8.07	117	138900	54.159	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	146818	50.244	ug/l	97
40) Benzene	8.32	78	395873	54.841	ug/l	98
41) Methacrylonitrile	7.48	41	56171	49.836	ug/l	96
42) 1,2-Dichloroethane	8.40	62	137516	54.130	ug/l	98
43) Isopropyl Acetate	8.42	43	161792	51.490	ug/l	97
44) Trichloroethene	9.09	130	104806	56.325	ug/l	88
45) 1,2-Dichloropropane	9.37	63	109426	54.656	ug/l	95
46) Dibromomethane	9.46	93	52114	54.969	ug/l	95
47) Bromodichloromethane	9.64	83	146245	56.068	ug/l	100
48) Methyl methacrylate	9.43	41	77451	51.578	ug/l	99
49) 1,4-Dioxane	9.44	88	20499	1094.613	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	425533	258.084	ug/l	97
52) Toluene	10.38	92	255097	56.620	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	151371	56.437	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	174307	57.288	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	81385	57.339	ug/l	98
56) Ethyl methacrylate	10.65	69	119824	57.672	ug/l	95
57) 1,3-Dichloropropane	10.93	76	144848	55.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	280029	253.878	ug/l	97
59) 2-Hexanone	10.96	43	294818	244.744	ug/l	98
60) Dibromochloromethane	11.13	129	98099	58.767	ug/l	99
61) 1,2-Dibromoethane	11.23	107	75387	57.933	ug/l	99
64) Tetrachloroethene	10.86	164	92965	59.313	ug/l	99
65) Chlorobenzene	11.66	112	280517	57.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	107270	59.001	ug/l	98
67) Ethyl Benzene	11.73	91	515484	56.275	ug/l	100
68) m/p-Xylenes	11.84	106	380910	115.205	ug/l	98
69) o-Xylene	12.16	106	181959	58.333	ug/l	97
70) Styrene	12.18	104	328904	59.670	ug/l	98
71) Bromoform	12.35	173	59517	58.921	ug/l #	99
73) Isopropylbenzene	12.46	105	519653	53.566	ug/l	100
74) N-amyl acetate	12.27	43	150177	48.770	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	98261	50.435	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79032m	57.141	ug/l	
77) Bromobenzene	12.74	156	123119	56.017	ug/l	94
78) n-propylbenzene	12.80	91	610098	52.583	ug/l	99
79) 2-Chlorotoluene	12.89	91	355876	53.429	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	447964	54.799	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32010	48.951	ug/l	98
82) 4-Chlorotoluene	12.99	91	374300	53.126	ug/l	98
83) tert-Butylbenzene	13.21	119	398690	55.159	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	446942	54.260	ug/l	99
85) sec-Butylbenzene	13.38	105	541005	53.939	ug/l	99
86) p-Isopropyltoluene	13.49	119	503582	54.967	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	240625	55.699	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	237382	55.221	ug/l	99
89) n-Butylbenzene	13.82	91	472315	53.103	ug/l	100
90) Hexachloroethane	14.09	117	89036	55.670	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	216535	55.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18354	51.477	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	161351	59.601	ug/l	98
94) Hexachlorobutadiene	15.23	225	105730	56.425	ug/l	98
95) Naphthalene	15.36	128	295657	51.914	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	143023	59.852	ug/l	100

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

