

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012388.D
 Acq On : 31 Aug 2019 09:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:42:05 AM

Quant Time: Aug 31 17:22:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130911	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	105677	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.32	98	424997	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	150565	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	81537	58.879	ug/l	100
3) Chloromethane	2.21	50	120709	56.262	ug/l	99
4) Vinyl Chloride	2.36	62	148393	56.509	ug/l	99
5) Bromomethane	2.72	94	61991	46.613	ug/l	95
6) Chloroethane	2.88	64	84752	57.212	ug/l	98
7) Trichlorofluoromethane	3.24	101	84392	64.002	ug/l	97
8) Diethyl Ether	3.68	74	64301	51.375	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	124945	55.746	ug/l	99
10) Methyl Iodide	4.26	142	168619	55.602	ug/l	99
11) Tert butyl alcohol	5.17	59	44681	277.704	ug/l	99
12) 1,1-Dichloroethene	4.03	96	122583	54.339	ug/l	96
13) Acrolein	3.89	56	35290	233.010	ug/l	98
14) Allyl chloride	4.66	41	268728	55.720	ug/l	99
15) Acrylonitrile	5.36	53	165902	267.426	ug/l	99
16) Acetone	4.12	43	167955	245.756	ug/l	98
17) Carbon Disulfide	4.37	76	355672	52.168	ug/l	100
18) Methyl Acetate	4.66	43	84936	50.177	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212899	58.358	ug/l	100
20) Methylene Chloride	4.91	84	132944	51.457	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	131097	54.192	ug/l	99
22) Diisopropyl ether	6.31	45	495815	55.463	ug/l	98
23) Vinyl Acetate	6.25	43	1509787	274.432	ug/l	100
24) 1,1-Dichloroethane	6.21	63	267108	54.877	ug/l	99
25) 2-Butanone	7.17	43	231720	249.513	ug/l	100
26) 2,2-Dichloropropane	7.17	77	156574	56.833	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	140190	54.240	ug/l	97
28) Bromochloromethane	7.51	49	103940	48.995	ug/l	98
29) Tetrahydrofuran	7.52	42	150123	269.436	ug/l	99
30) Chloroform	7.67	83	247491	55.576	ug/l	96
31) Cyclohexane	7.95	56	246212	51.127	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	203628	57.803	ug/l	99
36) 1,1-Dichloropropene	8.08	75	205276	57.217	ug/l	99
37) Ethyl Acetate	7.25	43	102923	52.352	ug/l	99
38) Carbon Tetrachloride	8.07	117	185132	59.620	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	227462	56.436	ug/l	99
40) Benzene	8.32	78	550450	56.189	ug/l	99
41) Methacrylonitrile	7.48	41	65760	56.911	ug/l	97
42) 1,2-Dichloroethane	8.40	62	174454	56.820	ug/l	100
43) Isopropyl Acetate	8.42	43	196089	53.846	ug/l	100
44) Trichloroethene	9.09	130	135183	56.765	ug/l	95
45) 1,2-Dichloropropane	9.37	63	145666	55.250	ug/l	99
46) Dibromomethane	9.46	93	65760	56.059	ug/l	98
47) Bromodichloromethane	9.64	83	179385	57.458	ug/l	98
48) Methyl methacrylate	9.43	41	95334	55.004	ug/l	98
49) 1,4-Dioxane	9.45	88	19280	1073.605	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	508691	274.635	ug/l	99
52) Toluene	10.38	92	334970	56.918	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	183963	57.847	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	216986	56.509	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	91973	55.415	ug/l	98
56) Ethyl methacrylate	10.65	69	134435	55.653	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175833	56.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	341851	275.746	ug/l	100
59) 2-Hexanone	10.97	43	352233	268.760	ug/l	100
60) Dibromochloromethane	11.13	129	105362	56.994	ug/l	100
61) 1,2-Dibromoethane	11.23	107	86459	55.916	ug/l	99
64) Tetrachloroethene	10.86	164	112032	56.434	ug/l	97
65) Chlorobenzene	11.66	112	336715	55.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	119506	56.816	ug/l	100
67) Ethyl Benzene	11.73	91	663280	57.108	ug/l	98
68) m/p-Xylenes	11.84	106	477216	114.066	ug/l	100
69) o-Xylene	12.16	106	220223	56.874	ug/l	99
70) Styrene	12.18	104	384854	57.421	ug/l	99
71) Bromoform	12.35	173	57756	55.112	ug/l #	99
73) Isopropylbenzene	12.46	105	632593	57.148	ug/l	99
74) N-amyl acetate	12.27	43	183867	54.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	106813	52.634	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	75017m	52.140	ug/l	
77) Bromobenzene	12.74	156	133388	55.700	ug/l	98
78) n-propylbenzene	12.80	91	775932	57.419	ug/l	99
79) 2-Chlorotoluene	12.89	91	432897	56.424	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	538309	58.198	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	34290	52.255	ug/l	94
82) 4-Chlorotoluene	12.99	91	456185	56.786	ug/l	99
83) tert-Butylbenzene	13.21	119	455129	58.088	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	533222	57.389	ug/l	100
85) sec-Butylbenzene	13.38	105	648703	57.790	ug/l	99
86) p-Isopropyltoluene	13.50	119	586643	58.519	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	263028	56.154	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	260862	56.088	ug/l	100
89) n-Butylbenzene	13.82	91	591942	59.378	ug/l	99
90) Hexachloroethane	14.09	117	100033	56.875	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	231349	56.301	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18003	52.623	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	166355	58.583	ug/l	100
94) Hexachlorobutadiene	15.24	225	114779	61.215	ug/l	98
95) Naphthalene	15.36	128	287513	51.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	145429	58.699	ug/l	99

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

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