

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012583.D
 Acq On : 04 Sep 2019 09:28
 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
 9/7/2019 12:46:09 AM

Quant Time: Sep 04 15:07:37 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	231044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159566	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147470	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.88	113	108299	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.32	98	461070	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.62	95	163824	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	84393	59.322	ug/l	95
3) Chloromethane	2.21	50	113568	51.527	ug/l	98
4) Vinyl Chloride	2.36	62	137047	50.802	ug/l	100
5) Bromomethane	2.78	94	70416	51.541	ug/l	99
6) Chloroethane	2.92	64	78219	51.399	ug/l	95
7) Trichlorofluoromethane	3.26	101	85305	62.975	ug/l	100
8) Diethyl Ether	3.68	74	63731	49.567	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	121203	52.640	ug/l	96
10) Methyl Iodide	4.27	142	164836	52.911	ug/l	97
11) Tert butyl alcohol	5.20	59	37688	228.017	ug/l	99
12) 1,1-Dichloroethene	4.04	96	121931	52.614	ug/l	99
13) Acrolein	3.90	56	43684	280.769	ug/l	98
14) Allyl chloride	4.67	41	255942	51.659	ug/l	97
15) Acrylonitrile	5.37	53	153179	240.357	ug/l	100
16) Acetone	4.13	43	176768	251.779	ug/l	98
17) Carbon Disulfide	4.38	76	339771	48.512	ug/l	100
18) Methyl Acetate	4.67	43	78691	45.253	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	202010	53.902	ug/l	97
20) Methylene Chloride	4.92	84	129645	48.847	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	130641	52.569	ug/l	95
22) Diisopropyl ether	6.31	45	466451	50.792	ug/l	99
23) Vinyl Acetate	6.25	43	1455490	257.533	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263902	52.778	ug/l	99
25) 2-Butanone	7.17	43	225015	235.855	ug/l	95
26) 2,2-Dichloropropane	7.17	77	165087	58.330	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	141328	53.228	ug/l	99
28) Bromochloromethane	7.51	49	99890	45.835	ug/l	96
29) Tetrahydrofuran	7.53	42	133106	232.547	ug/l	98
30) Chloroform	7.67	83	250108	54.672	ug/l	99
31) Cyclohexane	7.95	56	236780	47.862	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	210028	58.036	ug/l	99
36) 1,1-Dichloropropene	8.08	75	206974	53.295	ug/l	100
37) Ethyl Acetate	7.25	43	98469	46.270	ug/l	100
38) Carbon Tetrachloride	8.07	117	198876	59.166	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	239628	54.925	ug/l	98
40) Benzene	8.32	78	591659	55.794	ug/l	100
41) Methacrylonitrile	7.48	41	59964	47.942	ug/l	99
42) 1,2-Dichloroethane	8.40	62	195287	58.760	ug/l	99
43) Isopropyl Acetate	8.42	43	207180	52.558	ug/l	100
44) Trichloroethene	9.09	130	148053	57.432	ug/l	94
45) 1,2-Dichloropropane	9.37	63	156536	54.849	ug/l	97
46) Dibromomethane	9.46	93	71218	56.086	ug/l	99
47) Bromodichloromethane	9.64	83	198141	58.631	ug/l	100
48) Methyl methacrylate	9.43	41	100268	53.443	ug/l	99
49) 1,4-Dioxane	9.46	88	18350	943.970	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	521000	259.851	ug/l	100
52) Toluene	10.38	92	359719	56.467	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	198805	57.752	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	235341	56.620	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	99822	55.562	ug/l	99
56) Ethyl methacrylate	10.65	69	143136	54.741	ug/l	100
57) 1,3-Dichloropropane	10.93	76	185998	54.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	344663	256.834	ug/l	99
59) 2-Hexanone	10.97	43	376774	265.584	ug/l	99
60) Dibromochloromethane	11.13	129	117204	58.570	ug/l	100
61) 1,2-Dibromoethane	11.23	107	91041	54.393	ug/l	99
64) Tetrachloroethene	10.86	164	120398	57.056	ug/l	98
65) Chlorobenzene	11.66	112	359010	56.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	131959	59.020	ug/l	99
67) Ethyl Benzene	11.73	91	709935	57.505	ug/l	99
68) m/p-Xylenes	11.84	106	508335	114.308	ug/l	99
69) o-Xylene	12.16	106	237115	57.609	ug/l	99
70) Styrene	12.18	104	412335	57.878	ug/l	98
71) Bromoform	12.35	173	64835	58.203	ug/l #	99
73) Isopropylbenzene	12.46	105	676908	56.614	ug/l	99
74) N-amyl acetate	12.27	43	185987	51.486	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	112050	51.118	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76292m	49.092	ug/l	
77) Bromobenzene	12.74	156	145541	56.266	ug/l	95
78) n-propylbenzene	12.80	91	821551	56.284	ug/l	98
79) 2-Chlorotoluene	12.89	91	463866	55.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	572272	57.280	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37242	52.543	ug/l	96
82) 4-Chlorotoluene	12.99	91	485747	55.980	ug/l	100
83) tert-Butylbenzene	13.21	119	494488	58.429	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	566321	56.429	ug/l	99
85) sec-Butylbenzene	13.38	105	686316	56.604	ug/l	100
86) p-Isopropyltoluene	13.50	119	628760	58.067	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	286049	56.538	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	278047	55.348	ug/l	100
89) n-Butylbenzene	13.82	91	621047	57.675	ug/l	100
90) Hexachloroethane	14.09	117	108174	56.941	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	248884	56.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19371	52.420	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	180389	58.812	ug/l	98
94) Hexachlorobutadiene	15.24	225	122698	60.583	ug/l	98
95) Naphthalene	15.36	128	301415	50.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	153929	57.520	ug/l	99

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

