

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010883.D
 Acq On : 20 Jun 2019 10:46
 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
 6/21/2019 3:20:57 PM

Quant Time: Jun 21 07:54:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141346	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	7.88	113	115024	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.32	98	482051	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	173829	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	107825	46.449	ug/l	98
3) Chloromethane	2.21	50	161459	47.275	ug/l	100
4) Vinyl Chloride	2.35	62	150807	47.792	ug/l	98
5) Bromomethane	2.76	94	90830	52.418	ug/l	97
6) Chloroethane	2.91	64	94870	50.088	ug/l	100
7) Trichlorofluoromethane	3.25	101	222229	54.254	ug/l	100
8) Diethyl Ether	3.68	74	72486	49.518	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	138135	54.852	ug/l	99
10) Methyl Iodide	4.27	142	99524	39.481	ug/l	98
11) Tert butyl alcohol	5.17	59	54863	227.446	ug/l	97
12) 1,1-Dichloroethene	4.03	96	128028	52.702	ug/l	96
13) Acrolein	3.90	56	18504	187.729	ug/l	97
14) Allyl chloride	4.67	41	298543	55.735	ug/l	99
15) Acrylonitrile	5.37	53	170615	239.916	ug/l	99
16) Acetone	4.12	43	225467	284.195	ug/l	97
17) Carbon Disulfide	4.37	76	366614	47.540	ug/l	98
18) Methyl Acetate	4.67	43	82930	48.560	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	347667	49.621	ug/l	97
20) Methylene Chloride	4.92	84	137527	49.414	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	146676	53.187	ug/l	95
22) Diisopropyl ether	6.31	45	589117	54.936	ug/l	99
23) Vinyl Acetate	6.26	43	1704429	263.366	ug/l	100
24) 1,1-Dichloroethane	6.21	63	300021	55.827	ug/l	99
25) 2-Butanone	7.17	43	287033	260.917	ug/l	95
26) 2,2-Dichloropropane	7.17	77	257644	58.916	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	163071	53.731	ug/l	97
28) Bromochloromethane	7.51	49	127857	53.311	ug/l	95
29) Tetrahydrofuran	7.52	42	160446	231.875	ug/l	99
30) Chloroform	7.68	83	272257	55.387	ug/l	99
31) Cyclohexane	7.95	56	306064	51.233	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	242632	56.506	ug/l	99
36) 1,1-Dichloropropene	8.08	75	232432	55.737	ug/l	100
37) Ethyl Acetate	7.25	43	111033	48.049	ug/l	99
38) Carbon Tetrachloride	8.07	117	203941	56.652	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	286489	54.043	ug/l	99
40) Benzene	8.32	78	624250	54.873	ug/l	99
41) Methacrylonitrile	7.48	41	76019	55.345	ug/l	93
42) 1,2-Dichloroethane	8.40	62	194690	53.922	ug/l	98
43) Isopropyl Acetate	8.42	43	221110	49.527	ug/l	100
44) Trichloroethene	9.09	130	151399	53.950	ug/l	97
45) 1,2-Dichloropropane	9.37	63	165980	55.116	ug/l	95
46) Dibromomethane	9.46	93	72371	51.740	ug/l	98
47) Bromodichloromethane	9.65	83	199101	54.912	ug/l	96
48) Methyl methacrylate	9.43	41	108071	50.207	ug/l	98
49) 1,4-Dioxane	9.45	88	19099	873.346	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	556501	244.001	ug/l	99
52) Toluene	10.39	92	383250	54.753	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	203015	52.863	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	244914	54.196	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	102477	50.856	ug/l	99
56) Ethyl methacrylate	10.65	69	153435	49.485	ug/l	95
57) 1,3-Dichloropropane	10.93	76	196921	51.857	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	394803	243.101	ug/l	99
59) 2-Hexanone	10.97	43	417677	253.393	ug/l	98
60) Dibromochloromethane	11.13	129	116069	51.962	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95746	50.150	ug/l	99
64) Tetrachloroethene	10.86	164	124410	52.664	ug/l	97
65) Chlorobenzene	11.66	112	383319	54.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	132641	54.765	ug/l	99
67) Ethyl Benzene	11.73	91	752893	55.992	ug/l	99
68) m/p-Xylenes	11.84	106	538148	111.800	ug/l	99
69) o-Xylene	12.16	106	255941	56.063	ug/l	99
70) Styrene	12.18	104	436117	54.993	ug/l	99
71) Bromoform	12.35	173	61744	49.292	ug/l #	100
73) Isopropylbenzene	12.47	105	719595	56.942	ug/l	99
74) N-amyl acetate	12.27	43	205229	50.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	120435	50.060	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	89326m	50.580	ug/l	
77) Bromobenzene	12.75	156	149756	54.288	ug/l	99
78) n-propylbenzene	12.80	91	878989	57.683	ug/l	100
79) 2-Chlorotoluene	12.90	91	492362	56.556	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	585149	56.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38525	50.137	ug/l	98
82) 4-Chlorotoluene	12.99	91	506261	56.351	ug/l	99
83) tert-Butylbenzene	13.21	119	501387	57.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	581240	55.840	ug/l	100
85) sec-Butylbenzene	13.38	105	727075	56.885	ug/l	100
86) p-Isopropyltoluene	13.50	119	648247	56.715	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	292742	55.030	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	288462	54.696	ug/l	100
89) n-Butylbenzene	13.83	91	659043	57.790	ug/l	99
90) Hexachloroethane	14.10	117	115608	56.479	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	256737	53.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20056	48.546	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	180949	53.899	ug/l	100
94) Hexachlorobutadiene	15.24	225	118515	56.248	ug/l	99
95) Naphthalene	15.37	128	307708	50.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	152695	53.481	ug/l	99

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

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