

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010759.D
 Acq On : 10 Jun 2019 21:38
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 1:02:29 PM

Quant Time: Jun 11 06:53:54 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	230336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143466	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	107497	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.32	98	441376	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.62	95	192284	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	87105	40.922	ug/l	99
3) Chloromethane	2.21	50	139481	44.539	ug/l	97
4) Vinyl Chloride	2.35	62	122287	42.265	ug/l	100
5) Bromomethane	2.75	94	83064	52.278	ug/l	98
6) Chloroethane	2.90	64	78399	45.141	ug/l	98
7) Trichlorofluoromethane	3.25	101	175229	46.655	ug/l	99
8) Diethyl Ether	3.68	74	73767	54.959	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108591	47.027	ug/l	98
10) Methyl Iodide	4.27	142	79571	35.039	ug/l	99
11) Tert butyl alcohol	5.17	59	78643	355.566	ug/l	98
12) 1,1-Dichloroethene	4.03	96	106081	47.623	ug/l	99
13) Acrolein	3.89	56	27752	307.059	ug/l	97
14) Allyl chloride	4.67	41	259485	52.832	ug/l	100
15) Acrylonitrile	5.37	53	187900	288.158	ug/l	100
16) Acetone	4.12	43	199771	274.617	ug/l	98
17) Carbon Disulfide	4.37	76	325351	46.011	ug/l	99
18) Methyl Acetate	4.67	43	97677	62.377	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	364120	56.677	ug/l	98
20) Methylene Chloride	4.91	84	130737	51.230	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	127338	50.357	ug/l	98
22) Diisopropyl ether	6.31	45	553222	56.262	ug/l	100
23) Vinyl Acetate	6.25	43	1664130	280.433	ug/l	99
24) 1,1-Dichloroethane	6.21	63	263356	53.444	ug/l	98
25) 2-Butanone	7.17	43	299674	297.085	ug/l	96
26) 2,2-Dichloropropane	7.17	77	197426	49.235	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	148533	53.375	ug/l	99
28) Bromochloromethane	7.51	49	116514	52.982	ug/l	97
29) Tetrahydrofuran	7.52	42	188201	296.625	ug/l	99
30) Chloroform	7.67	83	243106	53.937	ug/l	98
31) Cyclohexane	7.95	56	246199	44.945	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	204892	52.040	ug/l	99
36) 1,1-Dichloropropene	8.08	75	190522	47.214	ug/l	99
37) Ethyl Acetate	7.25	43	126470	56.557	ug/l	99
38) Carbon Tetrachloride	8.07	117	168779	48.451	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	227510	44.351	ug/l	100
40) Benzene	8.32	78	552407	50.180	ug/l	100
41) Methacrylonitrile	7.49	41	76442	57.512	ug/l	96
42) 1,2-Dichloroethane	8.40	62	188624	53.987	ug/l	99
43) Isopropyl Acetate	8.42	43	247237	57.230	ug/l	99
44) Trichloroethene	9.09	130	134318	49.463	ug/l	100
45) 1,2-Dichloropropane	9.37	63	154579	53.045	ug/l	98
46) Dibromomethane	9.46	93	73705	54.454	ug/l	99
47) Bromodichloromethane	9.64	83	189220	53.931	ug/l	98
48) Methyl methacrylate	9.43	41	120163	57.690	ug/l	98
49) 1,4-Dioxane	9.45	88	23612	1115.784	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	634429	287.462	ug/l	100
52) Toluene	10.39	92	340242	50.233	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200710	54.009	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	233628	53.425	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	104230	53.454	ug/l	99
56) Ethyl methacrylate	10.65	69	171344	57.108	ug/l	97
57) 1,3-Dichloropropane	10.93	76	199004	54.156	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	412970	262.782	ug/l	100
59) 2-Hexanone	10.97	43	453542	284.344	ug/l	99
60) Dibromochloromethane	11.13	129	133127	61.589	ug/l	92
61) 1,2-Dibromoethane	11.23	107	99706	53.969	ug/l	100
64) Tetrachloroethene	10.86	164	123938	51.766	ug/l	99
65) Chlorobenzene	11.66	112	348327	49.123	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	126386	51.488	ug/l	97
67) Ethyl Benzene	11.73	91	657757	48.266	ug/l	99
68) m/p-Xylenes	11.84	106	471228	96.595	ug/l	99
69) o-Xylene	12.16	106	230074	49.727	ug/l	98
70) Styrene	12.18	104	407454	50.695	ug/l	100
71) Bromoform	12.35	173	73499	57.896	ug/l #	93
73) Isopropylbenzene	12.46	105	631706	47.904	ug/l	98
74) N-amyl acetate	12.27	43	240640	56.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	127624	50.837	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	98128m	53.249	ug/l	
77) Bromobenzene	12.75	156	145334	50.490	ug/l	100
78) n-propylbenzene	12.80	91	735648	46.265	ug/l	99
79) 2-Chlorotoluene	12.89	91	440184	48.455	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	509221	47.178	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41752	52.073	ug/l	97
82) 4-Chlorotoluene	12.99	91	448526	47.844	ug/l	100
83) tert-Butylbenzene	13.21	119	444176	48.489	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	514915	47.407	ug/l	98
85) sec-Butylbenzene	13.38	105	610777	45.795	ug/l	97
86) p-Isopropyltoluene	13.50	119	549118	46.040	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	267897	48.261	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	263121	47.812	ug/l	97
89) n-Butylbenzene	13.83	91	540823	45.447	ug/l	100
90) Hexachloroethane	14.10	117	107668	50.408	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	243840	48.846	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23977	55.619	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	178013	50.815	ug/l	98
94) Hexachlorobutadiene	15.24	225	102044	46.413	ug/l	99
95) Naphthalene	15.37	128	363129	57.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	158407	53.170	ug/l	97

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

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