

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013375.D
 Acq On : 02 Oct 2019 12:55
 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
 10/4/2019 12:11:23 PM

Quant Time: Oct 02 16:13:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	372601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	532617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	455436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	232172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	142143	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	7.88	113	148203	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	10.32	98	619881	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	211122	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	75387	52.310	ug/l	88
3) Chloromethane	2.21	50	107780	45.320	ug/l	100
4) Vinyl Chloride	2.36	62	163749	48.516	ug/l	99
5) Bromomethane	2.77	94	103355	49.843	ug/l	92
6) Chloroethane	2.92	64	91392	46.894	ug/l	98
7) Trichlorofluoromethane	3.25	101	73287	50.050	ug/l	98
8) Diethyl Ether	3.68	74	79189	46.724	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	157691	48.575	ug/l	98
10) Methyl Iodide	4.27	142	255750	48.782	ug/l	99
11) Tert butyl alcohol	5.17	59	51343	222.062	ug/l	97
12) 1,1-Dichloroethene	4.04	96	168226	49.046	ug/l	98
13) Acrolein	3.89	56	62377	222.949	ug/l	99
14) Allyl chloride	4.67	41	252655	49.794	ug/l	98
15) Acrylonitrile	5.36	53	168855	220.394	ug/l	99
16) Acetone	4.12	43	175251	205.508	ug/l	97
17) Carbon Disulfide	4.38	76	482215	50.395	ug/l	97
18) Methyl Acetate	4.67	43	80121	40.142	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	234582	46.468	ug/l	100
20) Methylene Chloride	4.91	84	172551	48.412	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	176244	48.250	ug/l	99
22) Diisopropyl ether	6.31	45	478889	48.872	ug/l	98
23) Vinyl Acetate	6.25	43	1415694	240.774	ug/l	98
24) 1,1-Dichloroethane	6.21	63	293604	49.193	ug/l	99
25) 2-Butanone	7.17	43	231852	212.478	ug/l	92
26) 2,2-Dichloropropane	7.16	77	176624	51.188	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	186294	48.725	ug/l	98
28) Bromochloromethane	7.51	49	117864	54.619	ug/l	93
29) Tetrahydrofuran	7.52	42	138168	218.951	ug/l	99
30) Chloroform	7.67	83	278785	47.637	ug/l	100
31) Cyclohexane	7.95	56	295302	46.395	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	225249	49.128	ug/l	99
36) 1,1-Dichloropropene	8.08	75	242894	49.099	ug/l	99
37) Ethyl Acetate	7.25	43	96710	44.312	ug/l	97
38) Carbon Tetrachloride	8.07	117	217659	50.792	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	322795	49.546	ug/l	97
40) Benzene	8.32	78	684544	48.882	ug/l	100
41) Methacrylonitrile	7.48	41	67296	51.121	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	171828	47.740	ug/l	99
43) Isopropyl Acetate	8.42	43	186615	45.414	ug/l	99
44) Trichloroethene	9.09	130	195650	49.613	ug/l	93
45) 1,2-Dichloropropane	9.37	63	163109	48.511	ug/l	99
46) Dibromomethane	9.46	93	78355	46.787	ug/l	96
47) Bromodichloromethane	9.64	83	204603	49.628	ug/l	99
48) Methyl methacrylate	9.43	41	93456	47.333	ug/l	94
49) 1,4-Dioxane	9.45	88	24205	935.881	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	470879	218.104	ug/l	99
52) Toluene	10.38	92	442228	48.960	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	210047	48.981	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	257199	49.468	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	117953	47.213	ug/l	97
56) Ethyl methacrylate	10.64	69	157068	46.709	ug/l	98
57) 1,3-Dichloropropane	10.93	76	205516	47.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	341321	247.096	ug/l	99
59) 2-Hexanone	10.97	43	333894	223.126	ug/l	99
60) Dibromochloromethane	11.13	129	141430	49.484	ug/l	99
61) 1,2-Dibromoethane	11.23	107	113237	46.906	ug/l	99
64) Tetrachloroethene	10.86	164	165666	47.812	ug/l	96
65) Chlorobenzene	11.66	112	456050	48.877	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	160532	50.515	ug/l	100
67) Ethyl Benzene	11.73	91	839408	50.196	ug/l	98
68) m/p-Xylenes	11.84	106	642985	99.615	ug/l	100
69) o-Xylene	12.16	106	301714	50.556	ug/l	97
70) Styrene	12.18	104	515596	50.540	ug/l	99
71) Bromoform	12.35	173	84367	48.966	ug/l #	99
73) Isopropylbenzene	12.46	105	829364	48.835	ug/l	99
74) N-amyl acetate	12.27	43	169477	46.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	130132	45.272	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	101913m	49.389	ug/l	
77) Bromobenzene	12.74	156	195146	47.855	ug/l	99
78) n-propylbenzene	12.80	91	977044	50.015	ug/l	99
79) 2-Chlorotoluene	12.89	91	540143	49.781	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	699520	49.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	44491	46.199	ug/l	96
82) 4-Chlorotoluene	12.99	91	563848	49.608	ug/l	100
83) tert-Butylbenzene	13.21	119	619949	50.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	695666	49.604	ug/l	98
85) sec-Butylbenzene	13.38	105	854897	50.320	ug/l	100
86) p-Isopropyltoluene	13.50	119	796471	50.586	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	380397	49.583	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	373470	48.618	ug/l	99
89) n-Butylbenzene	13.82	91	727454	51.247	ug/l	99
90) Hexachloroethane	14.09	117	134246	51.608	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	330007	48.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18995	44.179	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	242925	49.911	ug/l	99
94) Hexachlorobutadiene	15.24	225	159813	50.546	ug/l	98
95) Naphthalene	15.36	128	400465	48.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	210675	49.576	ug/l	99

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

