

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013476.D
 Acq On : 07 Oct 2019 20:46
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 1:30:27 PM

Quant Time: Oct 08 11:02:14 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	283669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	165124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98272	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	7.88	113	104377	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.32	98	455846	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.62	95	149573	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52759	48.086	ug/l	95
3) Chloromethane	2.21	50	80143	44.264	ug/l	95
4) Vinyl Chloride	2.36	62	123505	48.065	ug/l	98
5) Bromomethane	2.76	94	71135	45.060	ug/l	98
6) Chloroethane	2.92	64	66745	44.984	ug/l	99
7) Trichlorofluoromethane	3.25	101	58816	52.760	ug/l	100
8) Diethyl Ether	3.68	74	56957	44.143	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	126659	51.247	ug/l	99
10) Methyl Iodide	4.27	142	185735	46.534	ug/l	99
11) Tert butyl alcohol	5.17	59	41897	239.241	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	127646	48.882	ug/l	99
13) Acrolein	3.89	56	45829	215.526	ug/l	97
14) Allyl chloride	4.67	41	184129	47.665	ug/l	99
15) Acrylonitrile	5.36	53	129945	222.781	ug/l	98
16) Acetone	4.12	43	106570	164.148	ug/l	96
17) Carbon Disulfide	4.38	76	355229	48.763	ug/l	98
18) Methyl Acetate	4.67	43	64046	42.148	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	175904	45.769	ug/l	99
20) Methylene Chloride	4.92	84	128055	47.144	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	133437	47.984	ug/l	98
22) Diisopropyl ether	6.31	45	345210	46.274	ug/l	99
23) Vinyl Acetate	6.25	43	997454	222.826	ug/l	98
24) 1,1-Dichloroethane	6.21	63	214634	47.236	ug/l	99
25) 2-Butanone	7.17	43	164580	198.112	ug/l	92
26) 2,2-Dichloropropane	7.17	77	131075	49.853	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135278	46.474	ug/l	97
28) Bromochloromethane	7.51	49	80993	49.300	ug/l	95
29) Tetrahydrofuran	7.53	42	107356	223.259	ug/l	98
30) Chloroform	7.67	83	204278	45.848	ug/l	99
31) Cyclohexane	7.95	56	234127	48.316	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178760	51.212	ug/l	98
36) 1,1-Dichloropropene	8.08	75	187855	51.417	ug/l	99
37) Ethyl Acetate	7.25	43	71130	44.130	ug/l	95
38) Carbon Tetrachloride	8.07	117	164163	51.871	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254303	52.852	ug/l	98
40) Benzene	8.32	78	502353	48.572	ug/l	100
41) Methacrylonitrile	7.48	41	44074	45.333	ug/l	97
42) 1,2-Dichloroethane	8.40	62	121406	45.673	ug/l	98
43) Isopropyl Acetate	8.42	43	140218	46.203	ug/l	99
44) Trichloroethene	9.09	130	146311	50.237	ug/l	96
45) 1,2-Dichloropropane	9.37	63	117498	47.317	ug/l	99
46) Dibromomethane	9.46	93	56254	45.482	ug/l	98
47) Bromodichloromethane	9.64	83	144707	47.526	ug/l	96
48) Methyl methacrylate	9.43	41	69586	47.721	ug/l	98
49) 1,4-Dioxane	9.45	88	19810	1039.422	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	359126	225.232	ug/l	98
52) Toluene	10.38	92	327348	49.072	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	146623	46.296	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	183958	47.907	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	85940	46.578	ug/l	97
56) Ethyl methacrylate	10.65	69	117583	47.346	ug/l	96
57) 1,3-Dichloropropane	10.93	76	144929	45.183	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	259696	254.563	ug/l	98
59) 2-Hexanone	10.97	43	244596	221.319	ug/l	98
60) Dibromochloromethane	11.13	129	101180	47.934	ug/l	99
61) 1,2-Dibromoethane	11.23	107	81338	45.620	ug/l	99
64) Tetrachloroethene	10.86	164	135757	54.140	ug/l	99
65) Chlorobenzene	11.65	112	329819	48.845	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	115492	50.218	ug/l	98
67) Ethyl Benzene	11.73	91	629579	52.024	ug/l	100
68) m/p-Xylenes	11.84	106	477314	102.183	ug/l	99
69) o-Xylene	12.16	106	220409	51.034	ug/l	97
70) Styrene	12.18	104	374027	50.662	ug/l	98
71) Bromoform	12.35	173	61618	49.418	ug/l #	99
73) Isopropylbenzene	12.46	105	634136	52.501	ug/l	99
74) N-amyl acetate	12.27	43	127184	49.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	97020	47.457	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	73095m	49.807	ug/l	
77) Bromobenzene	12.74	156	142193	49.028	ug/l	98
78) n-propylbenzene	12.80	91	729368	52.496	ug/l	99
79) 2-Chlorotoluene	12.89	91	393809	51.032	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	517671	51.594	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	31710	46.288	ug/l	96
82) 4-Chlorotoluene	12.99	91	403406	49.904	ug/l	99
83) tert-Butylbenzene	13.21	119	470644	53.703	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	498790	50.007	ug/l	100
85) sec-Butylbenzene	13.38	105	643980	53.296	ug/l	99
86) p-Isopropyltoluene	13.49	119	596772	53.293	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	267276	48.984	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	262289	48.009	ug/l	99
89) n-Butylbenzene	13.82	91	531859	52.682	ug/l	99
90) Hexachloroethane	14.09	117	97910	52.923	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	231646	48.024	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14209	46.467	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	163749	47.304	ug/l	99
94) Hexachlorobutadiene	15.24	225	114243	50.805	ug/l	99
95) Naphthalene	15.36	128	280320	48.005	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	141909	46.954	ug/l	99

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

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