

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW013995.D
 Acq On : 13 Nov 2019 09:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 10:49:58 AM

Quant Time: Nov 14 06:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	494286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	207607	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141352	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
35) Dibromofluoromethane	7.88	113	154945	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
50) Toluene-d8	10.32	98	627707	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.62	95	209633	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	87276	48.338	ug/l	96
3) Chloromethane	2.21	50	85266	43.942	ug/l	99
4) Vinyl Chloride	2.37	62	151097	51.562	ug/l	98
5) Bromomethane	2.78	94	99223	51.484	ug/l	97
6) Chloroethane	2.92	64	93362	52.652	ug/l	100
7) Trichlorofluoromethane	3.26	101	95786	52.331	ug/l	100
8) Diethyl Ether	3.68	74	73368	49.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	149500	50.242	ug/l	98
10) Methyl Iodide	4.27	142	253002	52.178	ug/l	99
11) Tert butyl alcohol	5.16	59	37222	242.521	ug/l	100
12) 1,1-Dichloroethene	4.04	96	157230	51.154	ug/l	99
13) Acrolein	3.89	56	57168	325.122	ug/l	100
14) Allyl chloride	4.67	41	248849	52.653	ug/l	100
15) Acrylonitrile	5.36	53	149267	248.237	ug/l	98
16) Acetone	4.12	43	155217	284.739	ug/l	92
17) Carbon Disulfide	4.39	76	458182	51.906	ug/l	100
18) Methyl Acetate	4.67	43	69289	46.369	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	190102	51.540	ug/l	100
20) Methylene Chloride	4.92	84	165014	55.546	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	172541	52.156	ug/l	98
22) Diisopropyl ether	6.31	45	461459	53.526	ug/l	99
23) Vinyl Acetate	6.25	43	1276954	255.272	ug/l	100
24) 1,1-Dichloroethane	6.21	63	288350	52.812	ug/l	100
25) 2-Butanone	7.17	43	197940	252.567	ug/l	91
26) 2,2-Dichloropropane	7.17	77	168719	53.439	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	183838	52.319	ug/l	97
28) Bromochloromethane	7.51	49	97250	49.993	ug/l #	100
29) Tetrahydrofuran	7.52	42	118059	243.321	ug/l	99
30) Chloroform	7.67	83	287525	53.271	ug/l	100
31) Cyclohexane	7.95	56	270521	47.344	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	229860	54.269	ug/l	99
36) 1,1-Dichloropropene	8.08	75	235661	51.194	ug/l	99
37) Ethyl Acetate	7.25	43	80532	45.701	ug/l	99
38) Carbon Tetrachloride	8.07	117	216207	52.157	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	290171	48.811	ug/l	99
40) Benzene	8.32	78	677352	51.994	ug/l	98
41) Methacrylonitrile	7.48	41	52690	47.950	ug/l	95
42) 1,2-Dichloroethane	8.40	62	164764	50.189	ug/l	100
43) Isopropyl Acetate	8.42	43	157977	46.836	ug/l	99
44) Trichloroethene	9.09	130	187629	50.280	ug/l	100
45) 1,2-Dichloropropane	9.37	63	160573	51.603	ug/l	99
46) Dibromomethane	9.46	93	74039	49.023	ug/l	99
47) Bromodichloromethane	9.64	83	204709	52.385	ug/l	99
48) Methyl methacrylate	9.43	41	79782	47.697	ug/l	99
49) 1,4-Dioxane	9.44	88	21194	949.660	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	391939	233.840	ug/l	100
52) Toluene	10.38	92	432749	51.498	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	201909	51.039	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	252914	51.819	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	109313	48.566	ug/l	97
56) Ethyl methacrylate	10.65	69	137052	48.668	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192771	49.908	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	338090	260.860	ug/l	99
59) 2-Hexanone	10.97	43	279728	242.085	ug/l	99
60) Dibromochloromethane	11.13	129	135458	50.687	ug/l	100
61) 1,2-Dibromoethane	11.23	107	103115	48.424	ug/l	99
64) Tetrachloroethene	10.86	164	159459	49.801	ug/l	95
65) Chlorobenzene	11.66	112	452126	52.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	160491	53.399	ug/l	99
67) Ethyl Benzene	11.73	91	818397	52.703	ug/l	99
68) m/p-Xylenes	11.84	106	629133	104.865	ug/l	98
69) o-Xylene	12.16	106	285438	51.761	ug/l	100
70) Styrene	12.18	104	497183	52.475	ug/l	99
71) Bromoform	12.35	173	78530	49.790	ug/l #	99
73) Isopropylbenzene	12.46	105	818566	54.904	ug/l	99
74) N-amyl acetate	12.27	43	145678	50.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	116160	49.373	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75154m	50.408	ug/l	
77) Bromobenzene	12.74	156	191077	53.650	ug/l	100
78) n-propylbenzene	12.80	91	943551	54.679	ug/l	99
79) 2-Chlorotoluene	12.89	91	524673	54.105	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	678583	53.918	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	39504	50.075	ug/l	98
82) 4-Chlorotoluene	12.99	91	549457	53.970	ug/l	99
83) tert-Butylbenzene	13.21	119	606063	54.251	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	674632	54.340	ug/l	99
85) sec-Butylbenzene	13.38	105	826182	54.081	ug/l	99
86) p-Isopropyltoluene	13.50	119	779858	54.802	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	367402	53.242	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	359716	52.472	ug/l	99
89) n-Butylbenzene	13.82	91	690844	53.784	ug/l	99
90) Hexachloroethane	14.09	117	134766	54.484	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	313948	52.471	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17515	49.232	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	213958	49.136	ug/l	99
94) Hexachlorobutadiene	15.24	225	156928	53.384	ug/l	99
95) Naphthalene	15.36	128	321070	47.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	182981	48.768	ug/l	100

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

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