

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013482.D
 Acq On : 08 Oct 2019 12:11
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 4:08:51 PM

Quant Time: Oct 09 05:38:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:13:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	352318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	507614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	436318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	214708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	285022	104.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.42%	
35) Dibromofluoromethane	7.88	113	298647	105.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.68%	
50) Toluene-d8	10.32	98	1247913	104.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.48%	
62) 4-Bromofluorobenzene	12.62	95	418486	104.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	115204	98.716	ug/l	98
3) Chloromethane	2.21	50	187065	91.192	ug/l	99
4) Vinyl Chloride	2.35	62	286633	94.729	ug/l	98
5) Bromomethane	2.77	94	176546	97.788	ug/l	100
6) Chloroethane	2.91	64	166527	98.000	ug/l	99
7) Trichlorofluoromethane	3.25	101	143188	100.018	ug/l	98
8) Diethyl Ether	3.68	74	152502	102.917	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	278560	94.409	ug/l	99
10) Methyl Iodide	4.27	142	466887	99.928	ug/l	99
11) Tert butyl alcohol	5.19	59	94296	455.740	ug/l	99
12) 1,1-Dichloroethene	4.04	96	300610	98.309	ug/l	97
13) Acrolein	3.89	56	118074	532.082	ug/l	99
14) Allyl chloride	4.66	41	477057	101.520	ug/l	98
15) Acrylonitrile	5.37	53	327779	473.283	ug/l	99
16) Acetone	4.12	43	295094	465.866	ug/l	100
17) Carbon Disulfide	4.38	76	852879	99.367	ug/l	100
18) Methyl Acetate	4.67	43	173574	95.661	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	456042	98.628	ug/l	98
20) Methylene Chloride	4.92	84	305815	87.698	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	324040	99.727	ug/l	99
22) Diisopropyl ether	6.31	45	904349	102.716	ug/l	97
23) Vinyl Acetate	6.25	43	2680818	507.166	ug/l	97
24) 1,1-Dichloroethane	6.21	63	541456	100.618	ug/l	99
25) 2-Butanone	7.17	43	424953	455.215	ug/l	99
26) 2,2-Dichloropropane	7.17	77	317225	91.442	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	349774	101.733	ug/l	98
28) Bromochloromethane	7.51	49	230902	120.309	ug/l #	100
29) Tetrahydrofuran	7.53	42	270054	473.324	ug/l	99
30) Chloroform	7.67	83	521315	100.151	ug/l	97
31) Cyclohexane	7.95	56	516664	90.710	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	422558	99.864	ug/l	99
36) 1,1-Dichloropropene	8.08	75	444592	96.819	ug/l	100
37) Ethyl Acetate	7.25	43	187801	90.138	ug/l	99
38) Carbon Tetrachloride	8.07	117	398316	97.849	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	571569	96.073	ug/l	97
40) Benzene	8.32	78	1261681	98.427	ug/l	100
41) Methacrylonitrile	7.48	41	113737	96.000	ug/l	96
42) 1,2-Dichloroethane	8.40	62	322380	99.500	ug/l	99
43) Isopropyl Acetate	8.42	43	366912	97.477	ug/l	99
44) Trichloroethene	9.09	130	362581	99.152	ug/l	98
45) 1,2-Dichloropropane	9.37	63	311036	101.096	ug/l	97
46) Dibromomethane	9.46	93	150739	98.347	ug/l	99
47) Bromodichloromethane	9.64	83	392762	103.085	ug/l	98
48) Methyl methacrylate	9.43	41	184848	99.696	ug/l	98
49) 1,4-Dioxane	9.46	88	47477	1764.095	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	909768	459.727	ug/l	99
52) Toluene	10.38	92	826970	100.154	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	414379	104.666	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	500264	104.299	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	230118	100.024	ug/l	96
56) Ethyl methacrylate	10.65	69	315981	101.976	ug/l	100
57) 1,3-Dichloropropane	10.93	76	391149	99.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	741175	507.014	ug/l	99
59) 2-Hexanone	10.97	43	639584	471.324	ug/l	99
60) Dibromochloromethane	11.13	129	274574	103.781	ug/l	96
61) 1,2-Dibromoethane	11.24	107	217500	99.395	ug/l	99
64) Tetrachloroethene	10.86	164	311746	97.079	ug/l	96
65) Chlorobenzene	11.66	112	856444	98.785	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	306030	101.616	ug/l	99
67) Ethyl Benzene	11.73	91	1567706	98.932	ug/l	100
68) m/p-Xylenes	11.83	106	1191848	197.678	ug/l	99
69) o-Xylene	12.16	106	562339	100.950	ug/l	98
70) Styrene	12.18	104	971277	101.550	ug/l	99
71) Bromoform	12.35	173	169182	102.391	ug/l #	100
73) Isopropylbenzene	12.46	105	1545548	100.493	ug/l	99
74) N-amyl acetate	12.27	43	336953	100.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	252031	96.143	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	158057m	91.657	ug/l	
77) Bromobenzene	12.74	156	367859	100.909	ug/l	99
78) n-propylbenzene	12.80	91	1764637	99.224	ug/l	99
79) 2-Chlorotoluene	12.89	91	989001	99.259	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1274874	99.765	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	89813	102.668	ug/l	98
82) 4-Chlorotoluene	12.99	91	1036426	100.219	ug/l	100
83) tert-Butylbenzene	13.21	119	1130852	99.646	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1256092	99.388	ug/l	100
85) sec-Butylbenzene	13.38	105	1543105	98.409	ug/l	100
86) p-Isopropyltoluene	13.50	119	1425892	98.972	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	685103	99.114	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	673392	99.445	ug/l	100
89) n-Butylbenzene	13.82	91	1307305	100.450	ug/l	100
90) Hexachloroethane	14.09	117	250931	101.793	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	608560	99.715	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	38989	93.296	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	455860	105.688	ug/l	99
94) Hexachlorobutadiene	15.23	225	283573	98.932	ug/l	98
95) Naphthalene	15.36	128	795445	106.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	393050	104.211	ug/l	99

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

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