

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012784.D
 Acq On : 08 Sep 2019 21:34
 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
 9/9/2019 11:25:06 AM

Quant Time: Sep 09 08:23:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	126959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	121402	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
35) Dibromofluoromethane	7.88	113	96854	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
50) Toluene-d8	10.32	98	396360	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
62) 4-Bromofluorobenzene	12.62	95	136511	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48623	43.925	ug/l	97
3) Chloromethane	2.21	50	61499	45.714	ug/l	93
4) Vinyl Chloride	2.36	62	79933	48.459	ug/l	96
5) Bromomethane	2.73	94	44969	50.205	ug/l	100
6) Chloroethane	2.89	64	48459	49.231	ug/l	97
7) Trichlorofluoromethane	3.24	101	56337	49.493	ug/l	97
8) Diethyl Ether	3.68	74	45030	47.068	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	85378	47.796	ug/l	96
10) Methyl Iodide	4.26	142	110937	49.333	ug/l	99
11) Tert butyl alcohol	5.17	59	34018	194.881	ug/l	99
12) 1,1-Dichloroethene	4.03	96	78507	46.557	ug/l	99
13) Acrolein	3.89	56	24373	131.576	ug/l	97
14) Allyl chloride	4.65	41	159679	45.776	ug/l	96
15) Acrylonitrile	5.35	53	116065	207.710	ug/l	99
16) Acetone	4.12	43	109855	176.622	ug/l	99
17) Carbon Disulfide	4.37	76	155177	43.354	ug/l	99
18) Methyl Acetate	4.67	43	62789	43.028	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	162184	48.497	ug/l	97
20) Methylene Chloride	4.91	84	89425	45.956	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	86809	50.453	ug/l	92
22) Diisopropyl ether	6.31	45	340120	49.161	ug/l	99
23) Vinyl Acetate	6.25	43	983825	224.384	ug/l	100
24) 1,1-Dichloroethane	6.21	63	190245	51.070	ug/l	99
25) 2-Butanone	7.17	43	162076	182.724	ug/l	100
26) 2,2-Dichloropropane	7.16	77	110551	46.987	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	106150	53.208	ug/l	96
28) Bromochloromethane	7.51	49	83340	48.722	ug/l #	90
29) Tetrahydrofuran	7.52	42	101279	201.641	ug/l	97
30) Chloroform	7.68	83	193764	52.484	ug/l	97
31) Cyclohexane	7.95	56	146912	43.806	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	157215	52.534	ug/l	100
36) 1,1-Dichloropropene	8.08	75	137346	51.161	ug/l	99
37) Ethyl Acetate	7.25	43	71464	41.759	ug/l	99
38) Carbon Tetrachloride	8.07	117	143633	54.276	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	149477	49.575	ug/l	98
40) Benzene	8.32	78	384593	51.634	ug/l	100
41) Methacrylonitrile	7.48	41	47339	41.407	ug/l	96
42) 1,2-Dichloroethane	8.40	62	134098	51.156	ug/l	99
43) Isopropyl Acetate	8.42	43	142224	43.866	ug/l	98
44) Trichloroethene	9.09	130	102875	53.581	ug/l	95
45) 1,2-Dichloropropane	9.37	63	102564	49.648	ug/l	100
46) Dibromomethane	9.46	93	48950	50.038	ug/l	98
47) Bromodichloromethane	9.64	83	140158	52.076	ug/l	97
48) Methyl methacrylate	9.43	41	66775	43.096	ug/l	97
49) 1,4-Dioxane	9.45	88	15213	787.286	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	360208	211.724	ug/l	99
52) Toluene	10.38	92	242871	52.243	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	137893	49.826	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	156508	49.851	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	72502	49.504	ug/l	99
56) Ethyl methacrylate	10.65	69	99131	46.240	ug/l	97
57) 1,3-Dichloropropane	10.93	76	131662	48.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	268401	235.828	ug/l	97
59) 2-Hexanone	10.97	43	247500	199.124	ug/l	100
60) Dibromochloromethane	11.13	129	88704	51.499	ug/l	98
61) 1,2-Dibromoethane	11.23	107	65668	48.907	ug/l	99
64) Tetrachloroethene	10.86	164	92954	58.813	ug/l	97
65) Chlorobenzene	11.66	112	258047	52.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	99639	54.348	ug/l	99
67) Ethyl Benzene	11.73	91	493226	53.398	ug/l	100
68) m/p-Xylenes	11.84	106	359526	107.834	ug/l	100
69) o-Xylene	12.16	106	170277	54.134	ug/l	98
70) Styrene	12.18	104	298756	53.750	ug/l	100
71) Bromoform	12.35	173	51175	50.241	ug/l	99
73) Isopropylbenzene	12.46	105	488014	53.593	ug/l	99
74) N-amyl acetate	12.27	43	127701	44.182	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	81494	44.563	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	55938m	43.088	ug/l	
77) Bromobenzene	12.74	156	110770	53.693	ug/l	94
78) n-propylbenzene	12.80	91	573819	52.689	ug/l	100
79) 2-Chlorotoluene	12.89	91	329376	52.683	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	415384	54.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25582	41.679	ug/l	97
82) 4-Chlorotoluene	12.99	91	345896	52.304	ug/l	99
83) tert-Butylbenzene	13.21	119	368113	54.258	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	407861	52.753	ug/l	99
85) sec-Butylbenzene	13.38	105	491757	52.234	ug/l	99
86) p-Isopropyltoluene	13.50	119	449681	52.293	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	208847	51.504	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	207224	51.357	ug/l	99
89) n-Butylbenzene	13.82	91	414420	49.640	ug/l	100
90) Hexachloroethane	14.09	117	78871	52.538	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	188271	51.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15156	45.287	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	131540	51.767	ug/l	99
94) Hexachlorobutadiene	15.24	225	89214	50.724	ug/l	100
95) Naphthalene	15.36	128	229627	43.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	117773	52.508	ug/l	98

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

