

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012096.D
 Acq On : 22 Aug 2019 02:47
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 07:24:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148658	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135629	57.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.30%	
35) Dibromofluoromethane	7.88	113	110364	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
50) Toluene-d8	10.32	98	433065	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.62	95	155597	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52555	45.628	ug/l	96
3) Chloromethane	2.21	50	99594	49.865	ug/l	97
4) Vinyl Chloride	2.36	62	119387	49.651	ug/l	99
5) Bromomethane	2.74	94	56409	42.382	ug/l	100
6) Chloroethane	2.90	64	68580	49.930	ug/l	98
7) Trichlorofluoromethane	3.24	101	53561	49.841	ug/l	99
8) Diethyl Ether	3.68	74	67738	55.595	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106874	52.427	ug/l	100
10) Methyl Iodide	4.26	142	154237	53.539	ug/l	99
11) Tert butyl alcohol	5.17	59	44749	255.928	ug/l	96
12) 1,1-Dichloroethene	4.03	96	113538	52.750	ug/l	99
13) Acrolein	3.89	56	34969	205.360	ug/l	98
14) Allyl chloride	4.66	41	236901	51.749	ug/l	99
15) Acrylonitrile	5.36	53	176808	290.695	ug/l	99
16) Acetone	4.12	43	148472	196.679	ug/l	96
17) Carbon Disulfide	4.38	76	303856	45.105	ug/l	99
18) Methyl Acetate	4.67	43	101869	60.069	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	199636	58.449	ug/l	97
20) Methylene Chloride	4.91	84	133658	51.338	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	126865	54.671	ug/l	94
22) Diisopropyl ether	6.31	45	503539	58.340	ug/l	98
23) Vinyl Acetate	6.25	43	1531079	282.311	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263771	57.062	ug/l	99
25) 2-Butanone	7.17	43	247054	250.104	ug/l	97
26) 2,2-Dichloropropane	7.17	77	121550	42.757	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	143063	56.017	ug/l	97
28) Bromochloromethane	7.51	49	120163	58.566	ug/l #	100
29) Tetrahydrofuran	7.52	42	165992	293.980	ug/l	100
30) Chloroform	7.67	83	243279	57.046	ug/l	98
31) Cyclohexane	7.95	56	217262	48.964	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	179485	55.264	ug/l	99
36) 1,1-Dichloropropene	8.08	75	188549	51.691	ug/l	99
37) Ethyl Acetate	7.25	43	113843	54.248	ug/l	97
38) Carbon Tetrachloride	8.07	117	163969	52.510	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	207405	51.639	ug/l	98
40) Benzene	8.32	78	550475	53.877	ug/l	98
41) Methacrylonitrile	7.48	41	70827	56.460	ug/l	95
42) 1,2-Dichloroethane	8.40	62	176663	55.227	ug/l	100
43) Isopropyl Acetate	8.42	43	216060	55.982	ug/l	99
44) Trichloroethene	9.09	130	130331	53.073	ug/l	98
45) 1,2-Dichloropropane	9.37	63	151832	55.539	ug/l	98
46) Dibromomethane	9.46	93	69174	55.439	ug/l	99
47) Bromodichloromethane	9.64	83	179901	54.965	ug/l	98
48) Methyl methacrylate	9.43	41	104831	56.546	ug/l	100
49) 1,4-Dioxane	9.45	88	21623	1196.854	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	568537	283.210	ug/l	100
52) Toluene	10.38	92	333518	54.054	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	179590	52.527	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	214396	52.740	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	98659	55.728	ug/l	97
56) Ethyl methacrylate	10.65	69	148724	57.409	ug/l	100
57) 1,3-Dichloropropane	10.93	76	186628	55.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	400894	340.827	ug/l	100
59) 2-Hexanone	10.97	43	378952	267.356	ug/l	99
60) Dibromochloromethane	11.13	129	110506	56.233	ug/l	99
61) 1,2-Dibromoethane	11.23	107	93550	55.839	ug/l	100
64) Tetrachloroethene	10.86	164	112106	55.418	ug/l	98
65) Chlorobenzene	11.66	112	338383	54.174	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	120546	55.405	ug/l	100
67) Ethyl Benzene	11.73	91	647201	54.404	ug/l	99
68) m/p-Xylenes	11.84	106	464264	107.312	ug/l	100
69) o-Xylene	12.16	106	220498	54.847	ug/l	100
70) Styrene	12.18	104	387503	55.747	ug/l	99
71) Bromoform	12.35	173	61639	55.565	ug/l	# 100
73) Isopropylbenzene	12.46	105	603279	54.397	ug/l	100
74) N-amyl acetate	12.27	43	197294	56.823	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	117134	56.151	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	81638m	51.900	ug/l	
77) Bromobenzene	12.74	156	136634	55.740	ug/l	98
78) n-propylbenzene	12.80	91	728320	53.962	ug/l	99
79) 2-Chlorotoluene	12.89	91	417080	53.640	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	507452	54.586	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35376	51.831	ug/l	97
82) 4-Chlorotoluene	12.99	91	440051	53.940	ug/l	99
83) tert-Butylbenzene	13.21	119	431553	55.512	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	510423	54.504	ug/l	99
85) sec-Butylbenzene	13.38	105	600277	54.115	ug/l	100
86) p-Isopropyltoluene	13.50	119	539367	53.591	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	255066	53.068	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	253521	53.024	ug/l	100
89) n-Butylbenzene	13.82	91	517511	51.526	ug/l	99
90) Hexachloroethane	14.09	117	96876	54.434	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	231955	54.564	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19906	55.958	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	159486	53.233	ug/l	100
94) Hexachlorobutadiene	15.24	225	99541	53.277	ug/l	99
95) Naphthalene	15.36	128	310225	52.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	143947	54.812	ug/l	100

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

