

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011050.D
 Acq On : 28 Jun 2019 09:56
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 12:52:55 AM

Quant Time: Jun 29 01:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	136327	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.88	113	108322	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.32	98	455628	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	162173	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91089	54.204	ug/l	92
3) Chloromethane	2.21	50	109535	48.622	ug/l	99
4) Vinyl Chloride	2.36	62	150190	51.203	ug/l	99
5) Bromomethane	2.77	94	72597	49.723	ug/l	98
6) Chloroethane	2.92	64	81745	52.860	ug/l	99
7) Trichlorofluoromethane	3.25	101	49291	57.184	ug/l	85
8) Diethyl Ether	3.67	74	64944	47.574	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	125070	51.591	ug/l	99
10) Methyl Iodide	4.27	142	170024	50.128	ug/l	99
11) Tert butyl alcohol	5.16	59	42360	200.141	ug/l	99
12) 1,1-Dichloroethene	4.04	96	128925	51.092	ug/l	99
13) Acrolein	3.89	56	40770	247.022	ug/l	96
14) Allyl chloride	4.66	41	224191	55.201	ug/l	98
15) Acrylonitrile	5.36	53	158010	235.049	ug/l	99
16) Acetone	4.12	43	182429	256.461	ug/l	97
17) Carbon Disulfide	4.38	76	377168	52.686	ug/l	100
18) Methyl Acetate	4.66	43	76693	41.622	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	172181	48.209	ug/l	94
20) Methylene Chloride	4.92	84	130928	45.302	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	131490	50.569	ug/l	99
22) Diisopropyl ether	6.31	45	482759	49.395	ug/l	96
23) Vinyl Acetate	6.25	43	1501984	249.418	ug/l	99
24) 1,1-Dichloroethane	6.21	63	254477	49.328	ug/l	99
25) 2-Butanone	7.17	43	253319	234.283	ug/l	99
26) 2,2-Dichloropropane	7.16	77	129132	48.210	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	136787	48.857	ug/l	100
28) Bromochloromethane	7.51	49	101813	42.394	ug/l	99
29) Tetrahydrofuran	7.52	42	154361	229.332	ug/l	99
30) Chloroform	7.67	83	231251	49.341	ug/l	98
31) Cyclohexane	7.95	56	271996	48.794	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178798	51.053	ug/l	99
36) 1,1-Dichloropropene	8.08	75	200032	51.215	ug/l	99
37) Ethyl Acetate	7.25	43	104570	46.023	ug/l	99
38) Carbon Tetrachloride	8.07	117	168913	52.515	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	253349	52.708	ug/l	96
40) Benzene	8.32	78	540526	50.317	ug/l	99
41) Methacrylonitrile	7.48	41	67643	48.932	ug/l	98
42) 1,2-Dichloroethane	8.40	62	171333	48.643	ug/l	99
43) Isopropyl Acetate	8.42	43	202017	46.999	ug/l	100
44) Trichloroethene	9.09	130	129653	49.939	ug/l	93
45) 1,2-Dichloropropane	9.37	63	143942	49.342	ug/l	97
46) Dibromomethane	9.45	93	64804	47.499	ug/l	99
47) Bromodichloromethane	9.64	83	169850	50.283	ug/l	99
48) Methyl methacrylate	9.43	41	99072	47.537	ug/l	100
49) 1,4-Dioxane	9.44	88	21122	920.767	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	530342	234.397	ug/l	100
52) Toluene	10.38	92	334646	50.882	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	176377	50.130	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	212864	50.717	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92732	48.109	ug/l	98
56) Ethyl methacrylate	10.65	69	139129	48.201	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175879	47.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	290678	199.036	ug/l	100
59) 2-Hexanone	10.97	43	384666	243.791	ug/l	100
60) Dibromochloromethane	11.13	129	100231	49.587	ug/l	99
61) 1,2-Dibromoethane	11.23	107	86322	47.837	ug/l	100
64) Tetrachloroethene	10.86	164	108143	49.543	ug/l	96
65) Chlorobenzene	11.66	112	327674	50.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	114051	51.737	ug/l	99
67) Ethyl Benzene	11.73	91	649245	52.208	ug/l	99
68) m/p-Xylenes	11.84	106	467074	103.509	ug/l	99
69) o-Xylene	12.16	106	215756	51.334	ug/l	98
70) Styrene	12.18	104	378530	51.828	ug/l	100
71) Bromoform	12.35	173	53502	49.785	ug/l #	99
73) Isopropylbenzene	12.46	105	619091	53.335	ug/l	100
74) N-amyl acetate	12.27	43	193730	49.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111842	49.066	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76472m	46.749	ug/l	
77) Bromobenzene	12.74	156	130192	51.028	ug/l	99
78) n-propylbenzene	12.80	91	767315	53.381	ug/l	99
79) 2-Chlorotoluene	12.89	91	424329	51.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	525116	53.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34669	45.497	ug/l	99
82) 4-Chlorotoluene	12.99	91	448651	52.426	ug/l	100
83) tert-Butylbenzene	13.21	119	438720	53.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	521954	52.488	ug/l	99
85) sec-Butylbenzene	13.38	105	641478	53.824	ug/l	100
86) p-Isopropyltoluene	13.50	119	574166	53.536	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	258763	51.272	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	254520	50.521	ug/l	99
89) n-Butylbenzene	13.82	91	588300	53.968	ug/l	100
90) Hexachloroethane	14.10	117	98387	53.616	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	227397	50.167	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18373	47.428	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	166558	52.226	ug/l	100
94) Hexachlorobutadiene	15.24	225	101886	52.673	ug/l	99
95) Naphthalene	15.37	128	305707	51.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144861	50.869	ug/l	99

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

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