

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008039.D
 Acq On : 04 Jan 2019 11:06
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 1:22:41 PM

Quant Time: Jan 05 00:52:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	49879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43995	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.88	113	39399	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.32	98	152808	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.62	95	52460	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34617	47.826	ug/l	93
3) Chloromethane	2.21	50	25938	48.305	ug/l	98
4) Vinyl Chloride	2.37	62	35098	50.610	ug/l	100
5) Bromomethane	2.78	94	20481	46.484	ug/l	95
6) Chloroethane	2.93	64	17605	49.667	ug/l	99
7) Trichlorofluoromethane	3.26	101	33252	47.766	ug/l	97
8) Diethyl Ether	3.68	74	16856	47.142	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40482	48.933	ug/l	100
10) Methyl Iodide	4.26	142	63098	47.408	ug/l	99
11) Tert butyl alcohol	5.18	59	11091	195.687	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	38902	49.126	ug/l	97
13) Acrolein	3.89	56	8771	228.402	ug/l	96
14) Allyl chloride	4.67	41	53280	49.664	ug/l	99
15) Acrylonitrile	5.36	53	31296	237.972	ug/l	99
16) Acetone	4.12	43	34767	257.452	ug/l	99
17) Carbon Disulfide	4.37	76	118496	48.987	ug/l	98
18) Methyl Acetate	4.67	43	17488	49.935	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	56590	45.409	ug/l	100
20) Methylene Chloride	4.90	84	38314	45.806	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	41330	47.970	ug/l	96
22) Diisopropyl ether	6.31	45	93561	48.588	ug/l	97
23) Vinyl Acetate	6.25	43	261899	243.090	ug/l	98
24) 1,1-Dichloroethane	6.21	63	68633	47.971	ug/l	97
25) 2-Butanone	7.17	43	39821	250.274	ug/l	99
26) 2,2-Dichloropropane	7.16	77	54103	45.898	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	42831	46.669	ug/l	100
28) Bromochloromethane	7.51	49	23171	50.388	ug/l	99
29) Tetrahydrofuran	7.53	42	23189	234.633	ug/l	99
30) Chloroform	7.67	83	75775	47.257	ug/l	100
31) Cyclohexane	7.95	56	62414	46.804	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	73076	47.627	ug/l	100
36) 1,1-Dichloropropene	8.08	75	60457	48.932	ug/l	100
37) Ethyl Acetate	7.25	43	17335	46.709	ug/l	97
38) Carbon Tetrachloride	8.07	117	71358	48.192	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76433	49.629	ug/l	100
40) Benzene	8.32	78	157992	48.472	ug/l	100
41) Methacrylonitrile	7.48	41	10762	49.320	ug/l	96
42) 1,2-Dichloroethane	8.40	62	50295	46.312	ug/l	98
43) Isopropyl Acetate	8.43	43	37396	50.430	ug/l	98
44) Trichloroethene	9.09	130	46574	48.421	ug/l	97
45) 1,2-Dichloropropane	9.37	63	34638	49.096	ug/l	100
46) Dibromomethane	9.46	93	19504	47.284	ug/l	96
47) Bromodichloromethane	9.64	83	55330	47.891	ug/l	98
48) Methyl methacrylate	9.43	41	19988	53.459	ug/l	91
49) 1,4-Dioxane	9.46	88	5635	923.127	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	82834	241.320	ug/l	98
52) Toluene	10.39	92	106108	49.311	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	53018	47.723	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	60015	48.411	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	26287	47.068	ug/l	97
56) Ethyl methacrylate	10.65	69	31903	50.529	ug/l	96
57) 1,3-Dichloropropane	10.93	76	43213	45.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	75584	252.422	ug/l	96
59) 2-Hexanone	10.97	43	60503	255.323	ug/l	100
60) Dibromochloromethane	11.13	129	35582	46.544	ug/l	99
61) 1,2-Dibromoethane	11.24	107	25451	45.538	ug/l	100
64) Tetrachloroethene	10.87	164	36417	50.335	ug/l	97
65) Chlorobenzene	11.66	112	109563	48.945	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	37830	46.667	ug/l	98
67) Ethyl Benzene	11.73	91	194239	48.887	ug/l	93
68) m/p-Xylenes	11.83	106	144259	93.913	ug/l	92
69) o-Xylene	12.17	106	65872	46.086	ug/l	95
70) Styrene	12.18	104	106699	45.800	ug/l	96
71) Bromoform	12.35	173	17483	46.551	ug/l	# 95
73) Isopropylbenzene	12.47	105	206913	52.168	ug/l	98
74) N-amyl acetate	12.27	43	27881	45.159	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	26413	52.338	ug/l	93
76) 1,2,3-Trichloropropane	12.76	75	20520m	51.712	ug/l	
77) Bromobenzene	12.75	156	40264	47.230	ug/l	96
78) n-propylbenzene	12.81	91	236411	51.410	ug/l	99
79) 2-Chlorotoluene	12.90	91	132972	50.032	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	163676	47.942	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	7980	47.558	ug/l	95
82) 4-Chlorotoluene	12.99	91	139087	49.216	ug/l	100
83) tert-Butylbenzene	13.21	119	144247	48.292	ug/l	93
84) 1,2,4-Trimethylbenzene	13.25	105	168386	48.694	ug/l	100
85) sec-Butylbenzene	13.39	105	191930	46.710	ug/l	97
86) p-Isopropyltoluene	13.51	119	179920	48.545	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	86335	50.192	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	77188	45.326	ug/l	96
89) n-Butylbenzene	13.83	91	166193	49.023	ug/l	99
90) Hexachloroethane	14.10	117	31053	48.286	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	71951	47.601	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4873	47.576	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	46940	44.215	ug/l	95
94) Hexachlorobutadiene	15.24	225	28854	47.072	ug/l	99
95) Naphthalene	15.38	128	85864	47.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	41910	47.978	ug/l	95

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

