

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091119\
 Data File : VX012291.D
 Acq On : 11 Sep 2019 09:14
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:26:21 AM

Quant Time: Sep 12 05:53:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	135861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	237896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	92380	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
35) Dibromofluoromethane	5.48	113	73992	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	8.71	98	287604	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	11.14	95	119450	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	54192	48.788	ug/l	98
3) Chloromethane	1.31	50	51000	50.936	ug/l	99
4) Vinyl Chloride	1.40	62	50109	50.474	ug/l	99
5) Bromomethane	1.63	94	29165	74.779	ug/l	100
6) Chloroethane	1.71	64	33195	50.004	ug/l	95
7) Trichlorofluoromethane	1.92	101	93641	52.118	ug/l	99
8) Diethyl Ether	2.17	74	30819	50.268	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64408	53.189	ug/l	99
10) Methyl Iodide	2.50	142	46542	40.383	ug/l	99
11) Tert butyl alcohol	3.03	59	42237	205.438	ug/l	100
12) 1,1-Dichloroethene	2.36	96	51827	50.413	ug/l	95
13) Acrolein	2.28	56	40953	407.860	ug/l	94
14) Allyl chloride	2.72	41	108204	51.625	ug/l	99
15) Acrylonitrile	3.12	53	95585	252.212	ug/l	99
16) Acetone	2.43	43	125390	275.757	ug/l	97
17) Carbon Disulfide	2.56	76	109597	50.767	ug/l	100
18) Methyl Acetate	2.76	43	45575	47.685	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	203228	50.058	ug/l	98
20) Methylene Chloride	2.84	84	70801	49.903	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	63376	51.671	ug/l	93
22) Diisopropyl ether	3.84	45	242230	50.534	ug/l	98
23) Vinyl Acetate	3.80	43	760907	258.726	ug/l	99
24) 1,1-Dichloroethane	3.69	63	133947	52.168	ug/l	99
25) 2-Butanone	4.65	43	148521	255.505	ug/l	99
26) 2,2-Dichloropropane	4.57	77	131984	54.752	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	80694	50.959	ug/l	98
28) Bromochloromethane	5.00	49	58375	48.476	ug/l	99
29) Tetrahydrofuran	5.11	42	79250	252.688	ug/l	100
30) Chloroform	5.19	83	147926	51.091	ug/l	98
31) Cyclohexane	5.56	56	94328	52.888	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	130618	52.539	ug/l	99
36) 1,1-Dichloropropene	5.78	75	93477	53.888	ug/l	98
37) Ethyl Acetate	4.82	43	55846	52.081	ug/l	99
38) Carbon Tetrachloride	5.77	117	107729	52.933	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	102117	53.642	ug/l	97
40) Benzene	6.13	78	276725	52.709	ug/l	97
41) Methacrylonitrile	5.03	41	35829	54.200	ug/l	94
42) 1,2-Dichloroethane	6.18	62	106914	51.525	ug/l	99
43) Isopropyl Acetate	6.43	43	114446	50.623	ug/l	99
44) Trichloroethene	7.20	130	75442	53.098	ug/l	98
45) 1,2-Dichloropropane	7.51	63	75422	51.900	ug/l	97
46) Dibromomethane	7.65	93	41874	52.722	ug/l	99
47) Bromodichloromethane	7.89	83	111348	51.373	ug/l	98
48) Methyl methacrylate	7.76	41	55307	51.110	ug/l	99
49) 1,4-Dioxane	7.73	88	14009	959.392	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	300664	251.988	ug/l	100
52) Toluene	8.78	92	181982	52.478	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	110959	51.291	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	124294	51.814	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	63388	51.515	ug/l	99
56) Ethyl methacrylate	9.17	69	85280	51.188	ug/l	100
57) 1,3-Dichloropropane	9.37	76	109260	51.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	217642	254.883	ug/l	99
59) 2-Hexanone	9.48	43	231481	279.022	ug/l	100
60) Dibromochloromethane	9.57	129	74012	51.523	ug/l	97
61) 1,2-Dibromoethane	9.67	107	58599	51.161	ug/l	99
64) Tetrachloroethene	9.33	164	59358	52.082	ug/l	96
65) Chlorobenzene	10.14	112	206840	52.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	81160	54.677	ug/l	98
67) Ethyl Benzene	10.25	91	378287	54.016	ug/l	98
68) m/p-Xylenes	10.35	106	284210	110.245	ug/l	100
69) o-Xylene	10.70	106	133633	52.915	ug/l	98
70) Styrene	10.71	104	240662	53.733	ug/l	99
71) Bromoform	10.85	173	39416	51.209	ug/l #	98
73) Isopropylbenzene	11.01	105	377120	54.274	ug/l	100
74) N-amyl acetate	10.89	43	107343	51.957	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	79840	53.502	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	69826m	51.498	ug/l	
77) Bromobenzene	11.25	156	86240	53.908	ug/l	99
78) n-propylbenzene	11.35	91	460825	54.919	ug/l	100
79) 2-Chlorotoluene	11.42	91	281354	54.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	338118	54.110	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23575	52.095	ug/l	97
82) 4-Chlorotoluene	11.51	91	342087	54.755	ug/l	99
83) tert-Butylbenzene	11.76	119	338102	55.723	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	351035	54.343	ug/l	99
85) sec-Butylbenzene	11.94	105	402024	55.531	ug/l	99
86) p-Isopropyltoluene	12.06	119	370647	55.409	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	179060	54.946	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	176641	53.604	ug/l	99
89) n-Butylbenzene	12.38	91	370905	56.571	ug/l	99
90) Hexachloroethane	12.59	117	68196	55.348	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	162312	53.843	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15137	49.695	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	111436	53.528	ug/l	98
94) Hexachlorobutadiene	13.78	225	56557	54.609	ug/l	99
95) Naphthalene	13.83	128	236361	52.905	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	101440	55.071	ug/l	99

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

