

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041119\
 Data File : VX008872.D
 Acq On : 11 Apr 2019 23:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 9:46:14 AM

Quant Time: Apr 12 08:51:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	156337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	261883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106809	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	5.49	113	79183	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	8.71	98	318705	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.13	95	116423	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	104055	57.822	ug/l 99
3) Chloromethane	1.32	50	128362	58.489	ug/l 99
4) Vinyl Chloride	1.41	62	118196	48.587	ug/l 98
5) Bromomethane	1.64	94	65295	54.317	ug/l 99
6) Chloroethane	1.71	64	69274	52.280	ug/l 100
7) Trichlorofluoromethane	1.92	101	129699	48.231	ug/l 98
8) Diethyl Ether	2.19	74	59735	46.842	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79971	46.190	ug/l 98
10) Methyl Iodide	2.51	142	98713	61.593	ug/l 100
11) Tert butyl alcohol	3.06	59	132265	247.762	ug/l 100
12) 1,1-Dichloroethene	2.37	96	86043	47.606	ug/l 98
13) Acrolein	2.29	56	75807	286.382	ug/l 99
14) Allyl chloride	2.73	41	197303	47.686	ug/l 98
15) Acrylonitrile	3.14	53	338096	239.067	ug/l 100
16) Acetone	2.45	43	289150	220.159	ug/l 100
17) Carbon Disulfide	2.57	76	253380	48.525	ug/l 100
18) Methyl Acetate	2.78	43	151300	47.500	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	320080	49.589	ug/l 99
20) Methylene Chloride	2.85	84	101285	46.072	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	90366	46.223	ug/l 96
22) Diisopropyl ether	3.85	45	386005	48.403	ug/l 94
23) Vinyl Acetate	3.81	43	1733144	249.821	ug/l 99
24) 1,1-Dichloroethane	3.70	63	187862	47.579	ug/l 98
25) 2-Butanone	4.67	43	499029	240.402	ug/l 97
26) 2,2-Dichloropropane	4.58	77	112222	40.354	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	104319	46.412	ug/l 98
28) Bromochloromethane	5.01	49	92662	56.580	ug/l 100
29) Tetrahydrofuran	5.13	42	332172	241.095	ug/l 98
30) Chloroform	5.21	83	168193	47.693	ug/l 99
31) Cyclohexane	5.58	56	186256	47.275	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	140649	49.354	ug/l 99
36) 1,1-Dichloropropene	5.80	75	131676	45.998	ug/l 99
37) Ethyl Acetate	4.84	43	188461	49.322	ug/l 100
38) Carbon Tetrachloride	5.78	117	116723	49.265	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160988	45.524	ug/l	98
40) Benzene	6.14	78	405832	47.587	ug/l	99
41) Methacrylonitrile	5.04	41	105704	48.127	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143747	47.017	ug/l	100
43) Isopropyl Acetate	6.45	43	300499	50.203	ug/l	100
44) Trichloroethene	7.21	130	95464	48.062	ug/l	95
45) 1,2-Dichloropropane	7.51	63	115589	47.487	ug/l	98
46) Dibromomethane	7.66	93	65433	46.348	ug/l	98
47) Bromodichloromethane	7.90	83	130157	48.897	ug/l	100
48) Methyl methacrylate	7.77	41	152280	50.293	ug/l	99
49) 1,4-Dioxane	7.74	88	53580	944.639	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	970826	251.954	ug/l	100
52) Toluene	8.79	92	244617	48.653	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147512	49.472	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163396	47.958	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98206	48.660	ug/l	99
56) Ethyl methacrylate	9.18	69	186830	51.164	ug/l	98
57) 1,3-Dichloropropane	9.37	76	174991	48.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	458109	245.693	ug/l	99
59) 2-Hexanone	9.49	43	733992	245.114	ug/l	99
60) Dibromochloromethane	9.58	129	96388	50.683	ug/l	100
61) 1,2-Dibromoethane	9.67	107	101091	48.115	ug/l	99
64) Tetrachloroethene	9.34	164	85712	48.718	ug/l	98
65) Chlorobenzene	10.13	112	250529	47.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89227	48.318	ug/l	99
67) Ethyl Benzene	10.25	91	467159	47.595	ug/l	98
68) m/p-Xylenes	10.36	106	340112	96.372	ug/l	98
69) o-Xylene	10.70	106	164946	48.228	ug/l	99
70) Styrene	10.71	104	288865	48.998	ug/l	100
71) Bromoform	10.85	173	71204	50.486	ug/l #	99
73) Isopropylbenzene	11.02	105	439248	47.732	ug/l	100
74) N-amyl acetate	10.90	43	264527	48.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156612	44.749	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	136186m	44.645	ug/l	
77) Bromobenzene	11.26	156	107669	48.669	ug/l	97
78) n-propylbenzene	11.36	91	504866	47.118	ug/l	99
79) 2-Chlorotoluene	11.42	91	303549	46.813	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	369483	47.832	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51681	46.702	ug/l	98
82) 4-Chlorotoluene	11.51	91	345238	45.997	ug/l	98
83) tert-Butylbenzene	11.77	119	348296	46.866	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	370716	47.396	ug/l	99
85) sec-Butylbenzene	11.94	105	420352	47.619	ug/l	99
86) p-Isopropyltoluene	12.06	119	377652	47.665	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185692	46.887	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183896	45.855	ug/l	99
89) n-Butylbenzene	12.38	91	347858	46.816	ug/l	100
90) Hexachloroethane	12.60	117	64343	48.963	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	183217	46.594	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35335	45.896	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128536	47.013	ug/l	99
94) Hexachlorobutadiene	13.78	225	63369	48.329	ug/l	100
95) Naphthalene	13.83	128	434990	47.603	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130115	47.632	ug/l	99

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

