

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012619\
 Data File : VX007230.D
 Acq On : 25 Jan 2019 15:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:01:36 PM

Quant Time: Jan 28 00:26:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	499520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	708383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	650031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	255744	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	233763	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.71	98	856538	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.13	95	310701	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	182454	44.479	ug/l	99
3) Chloromethane	1.33	50	200367	41.959	ug/l	99
4) Vinyl Chloride	1.41	62	225006	43.803	ug/l	98
5) Bromomethane	1.64	94	221088	40.284	ug/l	97
6) Chloroethane	1.71	64	149252	41.612	ug/l	97
7) Trichlorofluoromethane	1.93	101	381137	45.921	ug/l	100
8) Diethyl Ether	2.19	74	150029	45.435	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	232258	46.741	ug/l	99
10) Methyl Iodide	2.51	142	333386	49.738	ug/l	100
11) Tert butyl alcohol	3.07	59	275120	223.410	ug/l	99
12) 1,1-Dichloroethene	2.37	96	205339	44.727	ug/l	97
13) Acrolein	2.30	56	130551	245.860	ug/l	99
14) Allyl chloride	2.73	41	373833	47.513	ug/l	98
15) Acrylonitrile	3.15	53	672868	238.016	ug/l	99
16) Acetone	2.45	43	614924	238.268	ug/l	99
17) Carbon Disulfide	2.57	76	449727	38.048	ug/l	99
18) Methyl Acetate	2.78	43	374642	50.127	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	760757	47.742	ug/l	99
20) Methylene Chloride	2.85	84	236837	48.228	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	222613	43.512	ug/l	98
22) Diisopropyl ether	3.87	45	712299	48.155	ug/l	98
23) Vinyl Acetate	3.82	43	2913972	233.598	ug/l	100
24) 1,1-Dichloroethane	3.70	63	401632	48.559	ug/l	99
25) 2-Butanone	4.70	43	891212	241.341	ug/l	98
26) 2,2-Dichloropropane	4.59	77	307825	48.399	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	254146	45.036	ug/l	97
28) Bromochloromethane	5.01	49	159359	43.975	ug/l	96
29) Tetrahydrofuran	5.15	42	561357	233.915	ug/l	97
30) Chloroform	5.21	83	420349	48.540	ug/l	98
31) Cyclohexane	5.57	56	328184	44.581	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	353372	48.143	ug/l	98
36) 1,1-Dichloropropene	5.79	75	293223	47.610	ug/l	99
37) Ethyl Acetate	4.85	43	325333	49.272	ug/l	97
38) Carbon Tetrachloride	5.78	117	307263	49.587	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	370454	47.182	ug/l	98
40) Benzene	6.14	78	906587	48.242	ug/l	99
41) Methacrylonitrile	5.06	41	182812	48.061	ug/l	99
42) 1,2-Dichloroethane	6.20	62	317475	48.888	ug/l	99
43) Isopropyl Acetate	6.46	43	527250	50.624	ug/l	98
44) Trichloroethene	7.21	130	274511	48.747	ug/l	93
45) 1,2-Dichloropropane	7.51	63	236037	49.960	ug/l	99
46) Dibromomethane	7.66	93	164652	49.588	ug/l	98
47) Bromodichloromethane	7.90	83	301856	53.409	ug/l	98
48) Methyl methacrylate	7.77	41	273731	51.179	ug/l	97
49) 1,4-Dioxane	7.75	88	117244	959.540	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1743252	260.447	ug/l	99
52) Toluene	8.78	92	595486	49.301	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	336348	53.669	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	368959	53.310	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	254024	52.543	ug/l	98
56) Ethyl methacrylate	9.18	69	367204	52.028	ug/l	95
57) 1,3-Dichloropropane	9.37	76	407196	51.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	952530	262.488	ug/l	98
59) 2-Hexanone	9.49	43	1305955	256.035	ug/l	100
60) Dibromochloromethane	9.58	129	265524	56.560	ug/l	99
61) 1,2-Dibromoethane	9.67	107	276697	51.988	ug/l	99
64) Tetrachloroethene	9.34	164	291954	51.877	ug/l	97
65) Chlorobenzene	10.14	112	705418	49.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	257422	53.974	ug/l	99
67) Ethyl Benzene	10.25	91	1155968	49.389	ug/l	99
68) m/p-Xylenes	10.36	106	919574	99.722	ug/l	100
69) o-Xylene	10.69	106	445687	49.559	ug/l	97
70) Styrene	10.71	104	725425	50.931	ug/l	99
71) Bromoform	10.86	173	201415	47.468	ug/l	99
73) Isopropylbenzene	11.02	105	1207880	49.735	ug/l	99
74) N-amyl acetate	10.90	43	466718	47.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	367095	47.612	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	347790m	49.831	ug/l	
77) Bromobenzene	11.26	156	320049	47.827	ug/l	99
78) n-propylbenzene	11.36	91	1350316	50.647	ug/l	100
79) 2-Chlorotoluene	11.42	91	776462	48.381	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	999253	49.241	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	104385	45.503	ug/l	99
82) 4-Chlorotoluene	11.51	91	917628	49.383	ug/l	100
83) tert-Butylbenzene	11.77	119	1010606	49.914	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1018777	49.925	ug/l	99
85) sec-Butylbenzene	11.94	105	1221922	50.534	ug/l	100
86) p-Isopropyltoluene	12.07	119	1091080	50.446	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	587939	48.609	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	591755	51.632	ug/l	100
89) n-Butylbenzene	12.39	91	963195	52.241	ug/l	99
90) Hexachloroethane	12.60	117	173043	50.109	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	579264	48.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	76628	50.252	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	419514	51.228	ug/l	99
94) Hexachlorobutadiene	13.78	225	198845	54.717	ug/l	99
95) Naphthalene	13.83	128	1251887	50.449	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	408269	50.187	ug/l	100

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

