

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014389.D
 Acq On : 31 Dec 2019 18:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/2/2020 9:54:47 AM

Quant Time: Jan 01 04:32:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	492691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	690196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	348751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	285983	51.21	ug/l	0.00
Spiked Amount						
			Recovery	=	102.42%	
35) Dibromofluoromethane	5.49	113	241002	51.93	ug/l	0.00
Spiked Amount						
			Recovery	=	103.86%	
50) Toluene-d8	8.71	98	916895	50.74	ug/l	0.00
Spiked Amount						
			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	334154	50.59	ug/l	0.00
Spiked Amount						
			Recovery	=	101.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	180328	40.911	ug/l	99
3) Chloromethane	1.32	50	243107	41.098	ug/l	100
4) Vinyl Chloride	1.40	62	271888	43.560	ug/l	98
5) Bromomethane	1.63	94	201473	45.479	ug/l	97
6) Chloroethane	1.71	64	176249	45.752	ug/l	97
7) Trichlorofluoromethane	1.92	101	364290	47.147	ug/l	99
8) Diethyl Ether	2.18	74	172620	47.603	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	219116	47.045	ug/l	99
10) Methyl Iodide	2.50	142	242478	40.029	ug/l	99
11) Tert butyl alcohol	3.03	59	307739	255.053	ug/l	98
12) 1,1-Dichloroethene	2.36	96	222388	46.924	ug/l	98
13) Acrolein	2.28	56	177380	256.820	ug/l	98
14) Allyl chloride	2.72	41	409957	48.447	ug/l	100
15) Acrylonitrile	3.13	53	733280	260.378	ug/l	100
16) Acetone	2.43	43	663998	183.162	ug/l	99
17) Carbon Disulfide	2.56	76	519611	39.650	ug/l	100
18) Methyl Acetate	2.76	43	379404	52.816	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	804584	51.663	ug/l	99
20) Methylene Chloride	2.85	84	260901	45.702	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	240227	46.009	ug/l	99
22) Diisopropyl ether	3.84	45	870170	51.603	ug/l	98
23) Vinyl Acetate	3.80	43	3679133	267.361	ug/l	100
24) 1,1-Dichloroethane	3.69	63	456685	48.678	ug/l	99
25) 2-Butanone	4.65	43	1047346	234.335	ug/l	99
26) 2,2-Dichloropropane	4.57	77	336618	46.213	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	286576	48.531	ug/l	99
28) Bromochloromethane	5.00	49	193323	53.548	ug/l	97
29) Tetrahydrofuran	5.11	42	662116	264.860	ug/l	99
30) Chloroform	5.20	83	448958	50.481	ug/l	99
31) Cyclohexane	5.58	56	392218	47.005	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	380327	50.176	ug/l	97
36) 1,1-Dichloropropene	5.79	75	326497	46.605	ug/l	100
37) Ethyl Acetate	4.82	43	405482	52.413	ug/l	99
38) Carbon Tetrachloride	5.78	117	311304	48.778	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	397951	46.004	ug/l	100
40) Benzene	6.14	78	1035503	48.039	ug/l	99
41) Methacrylonitrile	5.03	41	223031	51.959	ug/l	98
42) 1,2-Dichloroethane	6.19	62	353441	48.371	ug/l	100
43) Isopropyl Acetate	6.43	43	670862	52.399	ug/l	100
44) Trichloroethene	7.20	130	282061	47.375	ug/l	99
45) 1,2-Dichloropropane	7.51	63	274964	49.768	ug/l	96
46) Dibromomethane	7.65	93	175702	48.101	ug/l	99
47) Bromodichloromethane	7.89	83	344936	50.140	ug/l	99
48) Methyl methacrylate	7.76	41	325369	51.899	ug/l	99
49) 1,4-Dioxane	7.73	88	118352	927.653	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2070181	257.467	ug/l	99
52) Toluene	8.78	92	650052	47.712	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	389604	51.648	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	434788	51.737	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	273521	50.090	ug/l	98
56) Ethyl methacrylate	9.17	69	442851	51.628	ug/l	100
57) 1,3-Dichloropropane	9.37	76	454770	49.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	881815	271.652	ug/l	100
59) 2-Hexanone	9.48	43	1578787	243.916	ug/l	100
60) Dibromochloromethane	9.57	129	281036	51.776	ug/l	99
61) 1,2-Dibromoethane	9.67	107	281192	50.329	ug/l	99
64) Tetrachloroethene	9.33	164	292079	47.824	ug/l	98
65) Chlorobenzene	10.14	112	710388	48.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	266402	50.841	ug/l	98
67) Ethyl Benzene	10.25	91	1249937	49.541	ug/l	99
68) m/p-Xylenes	10.36	106	948856	97.781	ug/l	99
69) o-Xylene	10.70	106	467666	49.139	ug/l	99
70) Styrene	10.71	104	796376	49.485	ug/l	98
71) Bromoform	10.85	173	216771	51.465	ug/l	100
73) Isopropylbenzene	11.01	105	1232144	50.179	ug/l	100
74) N-amyl acetate	10.89	43	589599	51.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	419479	49.276	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	346115m	45.714	ug/l	
77) Bromobenzene	11.25	156	324228	47.992	ug/l	99
78) n-propylbenzene	11.35	91	1386672	50.347	ug/l	99
79) 2-Chlorotoluene	11.42	91	822480	49.126	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1024920	49.596	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	135033	50.339	ug/l	98
82) 4-Chlorotoluene	11.51	91	950351	48.935	ug/l	99
83) tert-Butylbenzene	11.76	119	984247	48.941	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1041351	50.318	ug/l	100
85) sec-Butylbenzene	11.94	105	1192590	50.233	ug/l	100
86) p-Isopropyltoluene	12.06	119	1106939	50.971	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	566098	47.811	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	569775	47.326	ug/l	99
89) n-Butylbenzene	12.39	91	951511	51.348	ug/l	99
90) Hexachloroethane	12.59	117	192906	49.454	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	568279	47.677	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	91563	48.604	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	397717	51.338	ug/l	99
94) Hexachlorobutadiene	13.78	225	180509	48.482	ug/l	98
95) Naphthalene	13.83	128	1257855	55.263	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	406520	53.157	ug/l	100

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

