

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010320\
 Data File : VX014415.D
 Acq On : 03 Jan 2020 20:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:42:15 AM

Quant Time: Jan 06 03:57:41 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	487403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	747500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	674416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	284431	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.49	113	238451	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	8.71	98	908358	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	328217	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	170691	39.145	ug/l	99
3) Chloromethane	1.32	50	235763	40.289	ug/l	99
4) Vinyl Chloride	1.40	62	262878	42.573	ug/l	99
5) Bromomethane	1.63	94	195937	44.709	ug/l	100
6) Chloroethane	1.71	64	172389	45.235	ug/l	97
7) Trichlorofluoromethane	1.92	101	356425	46.630	ug/l	99
8) Diethyl Ether	2.18	74	167730	46.756	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	220047	47.757	ug/l	98
10) Methyl Iodide	2.50	142	281286	46.486	ug/l	100
11) Tert butyl alcohol	3.03	59	306480	256.766	ug/l	99
12) 1,1-Dichloroethene	2.36	96	215932	46.056	ug/l	99
13) Acrolein	2.28	56	171663	251.239	ug/l	96
14) Allyl chloride	2.72	41	396667	47.385	ug/l	99
15) Acrylonitrile	3.13	53	721254	258.886	ug/l	99
16) Acetone	2.43	43	644992	179.850	ug/l	99
17) Carbon Disulfide	2.56	76	492492	38.020	ug/l	99
18) Methyl Acetate	2.76	43	378705	53.291	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	785229	50.967	ug/l	98
20) Methylene Chloride	2.85	84	256461	45.412	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	230326	44.591	ug/l	98
22) Diisopropyl ether	3.84	45	835946	50.112	ug/l	97
23) Vinyl Acetate	3.80	43	3154951	231.757	ug/l	99
24) 1,1-Dichloroethane	3.69	63	440438	47.456	ug/l	100
25) 2-Butanone	4.65	43	1019664	230.617	ug/l	99
26) 2,2-Dichloropropane	4.58	77	327848	45.497	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	278157	47.616	ug/l	99
28) Bromochloromethane	5.00	49	190844	53.436	ug/l	99
29) Tetrahydrofuran	5.12	42	646189	261.293	ug/l	100
30) Chloroform	5.20	83	435497	49.498	ug/l	100
31) Cyclohexane	5.57	56	373151	45.206	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	370060	49.351	ug/l	98
36) 1,1-Dichloropropene	5.79	75	317006	46.219	ug/l	99
37) Ethyl Acetate	4.82	43	387988	51.226	ug/l	100
38) Carbon Tetrachloride	5.78	117	306025	48.978	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384828	45.440	ug/l	99
40) Benzene	6.14	78	996308	47.210	ug/l	99
41) Methacrylonitrile	5.03	41	216601	51.542	ug/l	99
42) 1,2-Dichloroethane	6.18	62	347765	48.614	ug/l	100
43) Isopropyl Acetate	6.43	43	649729	51.835	ug/l	100
44) Trichloroethene	7.20	130	282765	48.510	ug/l	99
45) 1,2-Dichloropropane	7.51	63	271822	50.253	ug/l	96
46) Dibromomethane	7.65	93	170064	47.555	ug/l	97
47) Bromodichloromethane	7.89	83	344045	51.082	ug/l	97
48) Methyl methacrylate	7.76	41	311095	50.685	ug/l	100
49) 1,4-Dioxane	7.73	88	117442	940.240	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2011901	255.579	ug/l	100
52) Toluene	8.78	92	639340	47.931	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	378960	51.314	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	422212	51.317	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	271060	50.702	ug/l	99
56) Ethyl methacrylate	9.17	69	432345	51.483	ug/l	99
57) 1,3-Dichloropropane	9.37	76	451170	50.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	847255	266.597	ug/l	99
59) 2-Hexanone	9.48	43	1537807	242.674	ug/l	100
60) Dibromochloromethane	9.57	129	282551	53.171	ug/l	100
61) 1,2-Dibromoethane	9.67	107	275668	50.397	ug/l	99
64) Tetrachloroethene	9.33	164	364074	61.007	ug/l	97
65) Chlorobenzene	10.14	112	693431	48.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	262575	51.283	ug/l	99
67) Ethyl Benzene	10.25	91	1209201	49.048	ug/l	100
68) m/p-Xylenes	10.35	106	923235	97.367	ug/l	99
69) o-Xylene	10.70	106	450215	48.413	ug/l	99
70) Styrene	10.71	104	783816	49.844	ug/l	99
71) Bromoform	10.85	173	223994	54.424	ug/l	98
73) Isopropylbenzene	11.01	105	1194751	49.812	ug/l	100
74) N-amyl acetate	10.89	43	573956	51.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	402403	48.392	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	335198m	45.323	ug/l	
77) Bromobenzene	11.25	156	317693	48.141	ug/l	97
78) n-propylbenzene	11.35	91	1341754	49.873	ug/l	99
79) 2-Chlorotoluene	11.42	91	796688	48.715	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1001091	49.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	135826	51.837	ug/l	99
82) 4-Chlorotoluene	11.51	91	922978	48.654	ug/l	99
83) tert-Butylbenzene	11.76	119	905981	46.119	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1009070	49.917	ug/l	100
85) sec-Butylbenzene	11.94	105	1159252	49.988	ug/l	99
86) p-Isopropyltoluene	12.06	119	1066960	50.297	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	555161	48.000	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	552613	46.990	ug/l	99
89) n-Butylbenzene	12.39	91	907403	50.131	ug/l	99
90) Hexachloroethane	12.59	117	192324	50.475	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	562640	48.325	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89700	48.746	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	377877	49.935	ug/l	98
94) Hexachlorobutadiene	13.78	225	184896	50.840	ug/l	98
95) Naphthalene	13.83	128	1181702	53.150	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	382286	51.176	ug/l	97

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

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