

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019300.D
 Acq On : 05 Nov 2020 09:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:02 AM

Quant Time: Nov 06 01:14:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	266581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	440883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169269	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	5.46	113	132812	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	8.70	98	508665	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.12	95	194064	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113839	51.224	ug/l	99
3) Chloromethane	1.31	50	125383	50.500	ug/l	99
4) Vinyl Chloride	1.39	62	152346	52.909	ug/l	100
5) Bromomethane	1.64	94	92026	46.799	ug/l	98
6) Chloroethane	1.71	64	100347	54.583	ug/l	98
7) Trichlorofluoromethane	1.92	101	236121	52.197	ug/l	97
8) Diethyl Ether	2.17	74	92297	53.163	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134458	53.625	ug/l	98
10) Methyl Iodide	2.49	142	125272	43.307	ug/l	100
11) Tert butyl alcohol	3.01	59	156016	229.762	ug/l	100
12) 1,1-Dichloroethene	2.36	96	130178	50.383	ug/l	98
13) Acrolein	2.27	56	87361	286.900	ug/l	99
14) Allyl chloride	2.71	41	210369	53.755	ug/l	99
15) Acrylonitrile	3.11	53	372108	260.782	ug/l	100
16) Acetone	2.42	43	332620	280.451	ug/l	100
17) Carbon Disulfide	2.55	76	360303	48.938	ug/l	99
18) Methyl Acetate	2.75	43	152911	53.020	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	470664	52.574	ug/l	99
20) Methylene Chloride	2.83	84	150770	50.636	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	149586	50.304	ug/l	95
22) Diisopropyl ether	3.82	45	437664	56.097	ug/l	97
23) Vinyl Acetate	3.78	43	1922856	276.373	ug/l	98
24) 1,1-Dichloroethane	3.67	63	264964	54.393	ug/l	100
25) 2-Butanone	4.63	43	508805	272.210	ug/l	97
26) 2,2-Dichloropropane	4.54	77	243186	53.104	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	170788	51.398	ug/l	96
28) Bromochloromethane	4.98	49	114657	51.775	ug/l	92
29) Tetrahydrofuran	5.08	42	313019	265.736	ug/l	97
30) Chloroform	5.17	83	276504	53.327	ug/l	100
31) Cyclohexane	5.54	56	232575	53.518	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	248381	52.837	ug/l	99
36) 1,1-Dichloropropene	5.76	75	213034	52.327	ug/l	99
37) Ethyl Acetate	4.79	43	194927	51.568	ug/l	99
38) Carbon Tetrachloride	5.74	117	215817	52.007	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	257947	52.988	ug/l	98
40) Benzene	6.10	78	611914	53.011	ug/l	98
41) Methacrylonitrile	5.00	41	107130	52.626	ug/l	98
42) 1,2-Dichloroethane	6.15	62	225298	52.959	ug/l	99
43) Isopropyl Acetate	6.40	43	326312	51.555	ug/l	99
44) Trichloroethene	7.18	130	163726	49.526	ug/l	92
45) 1,2-Dichloropropane	7.48	63	155624	55.043	ug/l	99
46) Dibromomethane	7.63	93	106158	50.776	ug/l	97
47) Bromodichloromethane	7.87	83	218893	53.118	ug/l	99
48) Methyl methacrylate	7.74	41	160984	52.844	ug/l	98
49) 1,4-Dioxane	7.73	88	64610	953.677	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	977319	268.656	ug/l	99
52) Toluene	8.76	92	391824	52.703	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	242684	51.560	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	261894	52.913	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	152214	51.818	ug/l	98
56) Ethyl methacrylate	9.16	69	232663	52.438	ug/l	97
57) 1,3-Dichloropropane	9.35	76	258865	52.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	580758	234.044	ug/l	96
59) 2-Hexanone	9.47	43	767186	277.049	ug/l	98
60) Dibromochloromethane	9.56	129	166017	52.077	ug/l	100
61) 1,2-Dibromoethane	9.65	107	159762	50.860	ug/l	98
64) Tetrachloroethene	9.32	164	153237	49.717	ug/l	93
65) Chlorobenzene	10.12	112	409346	49.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	149650	50.274	ug/l	99
67) Ethyl Benzene	10.23	91	746495	50.666	ug/l	100
68) m/p-Xylenes	10.34	106	561621	101.562	ug/l	98
69) o-Xylene	10.68	106	264064	50.346	ug/l	99
70) Styrene	10.70	104	459511	51.346	ug/l	99
71) Bromoform	10.84	173	114696	48.598	ug/l #	100
73) Isopropylbenzene	11.00	105	727972	49.126	ug/l	100
74) N-amyl acetate	10.88	43	275849	50.912	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	227648	49.155	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	218139m	50.465	ug/l	
77) Bromobenzene	11.24	156	175018	47.588	ug/l	94
78) n-propylbenzene	11.34	91	848447	50.157	ug/l	100
79) 2-Chlorotoluene	11.40	91	502838	50.491	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	625675	49.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77991	47.507	ug/l	97
82) 4-Chlorotoluene	11.49	91	597903	49.164	ug/l	98
83) tert-Butylbenzene	11.76	119	591899	49.380	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	629190	49.784	ug/l	99
85) sec-Butylbenzene	11.93	105	728363	50.664	ug/l	99
86) p-Isopropyltoluene	12.05	119	673274	50.739	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	328269	47.929	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	334175	46.872	ug/l	99
89) n-Butylbenzene	12.37	91	638198	51.168	ug/l	99
90) Hexachloroethane	12.58	117	112143	49.721	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	309164	47.009	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51680	45.584	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	224938	45.535	ug/l	100
94) Hexachlorobutadiene	13.76	225	97792	44.971	ug/l	96
95) Naphthalene	13.82	128	710299	45.654	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	217185	45.320	ug/l	100

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

