

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019532.D
 Acq On : 21 Nov 2020 07:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 11:05:50 AM

Quant Time: Nov 21 07:52:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	281934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186593	51.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.08%
35) Dibromofluoromethane	5.46	113	151520	49.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.90%
50) Toluene-d8	8.70	98	567158	48.11	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.22%
62) 4-Bromofluorobenzene	11.12	95	210721	49.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.36%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135612	49.463	ug/l	100
3) Chloromethane	1.31	50	140486	44.654	ug/l	99
4) Vinyl Chloride	1.39	62	165811	48.959	ug/l	99
5) Bromomethane	1.62	94	43231	33.701	ug/l	100
6) Chloroethane	1.69	64	41207	49.940	ug/l	96
7) Trichlorofluoromethane	1.90	101	237345	48.555	ug/l	98
8) Diethyl Ether	2.17	74	101032	51.609	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129236	47.390	ug/l	99
10) Methyl Iodide	2.48	142	140514	39.221	ug/l	100
11) Tert butyl alcohol	3.05	59	199701	288.665	ug/l	100
12) 1,1-Dichloroethene	2.34	96	136830	48.885	ug/l	99
13) Acrolein	2.28	56	99186	213.290	ug/l	100
14) Allyl chloride	2.70	41	211555	48.247	ug/l	99
15) Acrylonitrile	3.12	53	426644	261.500	ug/l	100
16) Acetone	2.43	43	347266	245.652	ug/l	100
17) Carbon Disulfide	2.54	76	359477	47.806	ug/l	99
18) Methyl Acetate	2.75	43	184188	53.100	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	525435	54.384	ug/l	97
20) Methylene Chloride	2.83	84	167744	47.475	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	157658	49.714	ug/l	98
22) Diisopropyl ether	3.82	45	470670	51.887	ug/l	98
23) Vinyl Acetate	3.79	43	2043126	268.528	ug/l	99
24) 1,1-Dichloroethane	3.67	63	282351	50.890	ug/l	100
25) 2-Butanone	4.64	43	545703	256.974	ug/l	99
26) 2,2-Dichloropropane	4.54	77	169175	34.933	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	187589	51.496	ug/l	99
28) Bromochloromethane	4.98	49	123359	46.504	ug/l	98
29) Tetrahydrofuran	5.09	42	350460	258.653	ug/l	99
30) Chloroform	5.17	83	295560	50.945	ug/l	99
31) Cyclohexane	5.54	56	230504	48.482	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	260794	52.331	ug/l	99
36) 1,1-Dichloropropene	5.76	75	214380	47.315	ug/l	99
37) Ethyl Acetate	4.79	43	216019	50.786	ug/l	99
38) Carbon Tetrachloride	5.75	117	216204	49.299	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	234241	44.401	ug/l	99
40) Benzene	6.11	78	674900	48.480	ug/l	99
41) Methacrylonitrile	5.01	41	118732	50.619	ug/l	99
42) 1,2-Dichloroethane	6.16	62	233986	49.038	ug/l	100
43) Isopropyl Acetate	6.42	43	363983	50.905	ug/l	100
44) Trichloroethene	7.18	130	173609	47.610	ug/l	99
45) 1,2-Dichloropropane	7.49	63	168668	49.216	ug/l	100
46) Dibromomethane	7.63	93	117545	50.113	ug/l	99
47) Bromodichloromethane	7.87	83	233540	51.310	ug/l	98
48) Methyl methacrylate	7.74	41	176674	52.760	ug/l	99
49) 1,4-Dioxane	7.72	88	78623	1034.078	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1071646	257.019	ug/l	99
52) Toluene	8.76	92	422683	49.633	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	246396	50.125	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	266992	48.943	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	171086	49.328	ug/l	99
56) Ethyl methacrylate	9.16	69	265983	54.197	ug/l	99
57) 1,3-Dichloropropane	9.35	76	290596	50.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	692925	240.957	ug/l	99
59) 2-Hexanone	9.48	43	808729	255.745	ug/l	99
60) Dibromochloromethane	9.57	129	177825	52.344	ug/l	99
61) 1,2-Dibromoethane	9.65	107	180903	50.601	ug/l	99
64) Tetrachloroethene	9.32	164	148137	43.731	ug/l	95
65) Chlorobenzene	10.12	112	433272	48.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	164961	51.184	ug/l	98
67) Ethyl Benzene	10.23	91	782400	50.406	ug/l	98
68) m/p-Xylenes	10.34	106	586205	101.368	ug/l	98
69) o-Xylene	10.68	106	281470	50.916	ug/l	99
70) Styrene	10.70	104	482567	47.252	ug/l	99
71) Bromoform	10.84	173	125718	46.333	ug/l #	98
73) Isopropylbenzene	11.00	105	750350	51.736	ug/l	99
74) N-amyl acetate	10.88	43	312535	57.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	263713	50.845	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	231622m	50.624	ug/l	
77) Bromobenzene	11.24	156	185327	50.055	ug/l	99
78) n-propylbenzene	11.34	91	838093	50.371	ug/l	100
79) 2-Chlorotoluene	11.40	91	516055	51.143	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	625385	51.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	76809	45.736	ug/l	98
82) 4-Chlorotoluene	11.49	91	601055	50.600	ug/l	100
83) tert-Butylbenzene	11.76	119	616926	52.412	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	639969	51.986	ug/l	99
85) sec-Butylbenzene	11.93	105	690894	49.339	ug/l	100
86) p-Isopropyltoluene	12.05	119	629430	49.508	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	338028	49.713	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	338964	48.396	ug/l	99
89) n-Butylbenzene	12.37	91	531899	46.277	ug/l	98
90) Hexachloroethane	12.58	117	110513	51.947	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	341218	49.964	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57262	54.117	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	218026	49.726	ug/l	98
94) Hexachlorobutadiene	13.76	225	83900	42.006	ug/l	97
95) Naphthalene	13.82	128	769819	49.790	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	223164	50.885	ug/l	97

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

