

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019261.D
 Acq On : 04 Nov 2020 01:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:58:52 AM

Quant Time: Nov 04 03:16:39 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	5.63	168	259143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	443205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172086	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.46	113	138249	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.70	98	530077	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.12	95	201544	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	112018	51.851	ug/l	98
3) Chloromethane	1.31	50	131483	54.476	ug/l	99
4) Vinyl Chloride	1.40	62	151154	54.002	ug/l	99
5) Bromomethane	1.64	94	109610	57.341	ug/l	99
6) Chloroethane	1.72	64	101043	56.539	ug/l	97
7) Trichlorofluoromethane	1.92	101	236225	53.719	ug/l	98
8) Diethyl Ether	2.17	74	94092	55.753	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128850	52.864	ug/l	98
10) Methyl Iodide	2.50	142	140746	49.059	ug/l	99
11) Tert butyl alcohol	3.02	59	156402	236.942	ug/l	99
12) 1,1-Dichloroethene	2.36	96	130438	51.933	ug/l	97
13) Acrolein	2.28	56	97683	329.158	ug/l	99
14) Allyl chloride	2.71	41	204873	53.853	ug/l	99
15) Acrylonitrile	3.12	53	366529	264.245	ug/l	99
16) Acetone	2.42	43	291033	252.430	ug/l	99
17) Carbon Disulfide	2.56	76	357519	49.938	ug/l	100
18) Methyl Acetate	2.75	43	152776	54.493	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	469853	53.990	ug/l	99
20) Methylene Chloride	2.84	84	151218	52.244	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	150531	52.075	ug/l	96
22) Diisopropyl ether	3.82	45	436747	57.586	ug/l	99
23) Vinyl Acetate	3.78	43	1898321	280.678	ug/l	98
24) 1,1-Dichloroethane	3.67	63	263620	55.671	ug/l	100
25) 2-Butanone	4.64	43	472805	260.210	ug/l	97
26) 2,2-Dichloropropane	4.55	77	213097	47.869	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	173157	53.606	ug/l	99
28) Bromochloromethane	4.98	49	115041	53.439	ug/l	94
29) Tetrahydrofuran	5.09	42	310976	271.579	ug/l	97
30) Chloroform	5.18	83	279872	55.526	ug/l	99
31) Cyclohexane	5.55	56	228403	54.066	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	249586	54.617	ug/l	99
36) 1,1-Dichloropropene	5.77	75	211233	51.612	ug/l	98
37) Ethyl Acetate	4.79	43	193815	51.005	ug/l	99
38) Carbon Tetrachloride	5.76	117	214166	51.338	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	246160	50.302	ug/l	97
40) Benzene	6.11	78	615095	53.007	ug/l	100
41) Methacrylonitrile	5.00	41	106389	51.989	ug/l	99
42) 1,2-Dichloroethane	6.16	62	226907	53.058	ug/l	100
43) Isopropyl Acetate	6.41	43	328266	51.592	ug/l	99
44) Trichloroethene	7.19	130	166985	50.247	ug/l	97
45) 1,2-Dichloropropane	7.49	63	154410	54.327	ug/l	99
46) Dibromomethane	7.63	93	109021	51.872	ug/l	96
47) Bromodichloromethane	7.87	83	225096	54.337	ug/l	99
48) Methyl methacrylate	7.74	41	161960	52.886	ug/l	98
49) 1,4-Dioxane	7.74	88	64165	942.147	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	980242	268.048	ug/l	99
52) Toluene	8.76	92	395249	52.885	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	242349	51.219	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	259864	52.228	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	157335	53.281	ug/l	99
56) Ethyl methacrylate	9.16	69	238160	53.395	ug/l	98
57) 1,3-Dichloropropane	9.35	76	265132	53.254	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	629711	252.442	ug/l	97
59) 2-Hexanone	9.47	43	724387	260.223	ug/l	99
60) Dibromochloromethane	9.57	129	168204	52.486	ug/l	98
61) 1,2-Dibromoethane	9.65	107	164798	52.188	ug/l	99
64) Tetrachloroethene	9.32	164	153547	49.461	ug/l	98
65) Chlorobenzene	10.12	112	411495	49.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	153523	51.206	ug/l	99
67) Ethyl Benzene	10.23	91	752162	50.685	ug/l	99
68) m/p-Xylenes	10.34	106	562012	100.906	ug/l	97
69) o-Xylene	10.68	106	271461	51.386	ug/l	98
70) Styrene	10.70	104	462649	51.327	ug/l	99
71) Bromoform	10.84	173	118024	49.650	ug/l	99
73) Isopropylbenzene	11.00	105	728743	50.210	ug/l	100
74) N-amyl acetate	10.88	43	283518	53.427	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	227938	50.251	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	213893m	50.522	ug/l	
77) Bromobenzene	11.24	156	177083	49.160	ug/l	95
78) n-propylbenzene	11.34	91	847124	51.130	ug/l	99
79) 2-Chlorotoluene	11.40	91	497299	50.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	623030	50.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73744	45.863	ug/l	96
82) 4-Chlorotoluene	11.49	91	595739	50.014	ug/l	99
83) tert-Butylbenzene	11.76	119	594293	50.621	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621344	50.196	ug/l	99
85) sec-Butylbenzene	11.93	105	716266	50.869	ug/l	99
86) p-Isopropyltoluene	12.05	119	665410	51.199	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329303	49.090	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	327474	46.897	ug/l	99
89) n-Butylbenzene	12.37	91	605570	49.571	ug/l	99
90) Hexachloroethane	12.58	117	112965	51.137	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	309851	48.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52165	46.978	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216946	44.839	ug/l	100
94) Hexachlorobutadiene	13.76	225	92491	43.426	ug/l	99
95) Naphthalene	13.82	128	701138	46.011	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210172	44.777	ug/l	99

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

