

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018176.D
 Acq On : 01 Sep 2020 03:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:02 AM

Quant Time: Sep 01 08:01:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	453908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	726413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	708758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	384313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	314546	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	5.47	113	240200	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.70	98	867551	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.12	95	355169	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	277429	50.201	ug/l	98
3) Chloromethane	1.31	50	276729	47.496	ug/l	99
4) Vinyl Chloride	1.39	62	275968	47.581	ug/l	98
5) Bromomethane	1.62	94	161233	57.634	ug/l	99
6) Chloroethane	1.70	64	160900	51.651	ug/l	93
7) Trichlorofluoromethane	1.91	101	433933	54.869	ug/l	97
8) Diethyl Ether	2.17	74	139085	51.858	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	216131	50.550	ug/l	98
10) Methyl Iodide	2.49	142	255182	55.172	ug/l	99
11) Tert butyl alcohol	3.02	59	282612	230.662	ug/l	99
12) 1,1-Dichloroethene	2.36	96	219355	49.451	ug/l	97
13) Acrolein	2.28	56	148196	291.708	ug/l	100
14) Allyl chloride	2.70	41	377672	47.390	ug/l	97
15) Acrylonitrile	3.12	53	673283	242.252	ug/l	99
16) Acetone	2.42	43	612344	249.385	ug/l	97
17) Carbon Disulfide	2.55	76	613176	45.727	ug/l	98
18) Methyl Acetate	2.75	43	314072	53.006	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	782601	51.444	ug/l	100
20) Methylene Chloride	2.83	84	253528	50.510	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	235678	47.956	ug/l	99
22) Diisopropyl ether	3.82	45	787980	50.096	ug/l	89
23) Vinyl Acetate	3.79	43	3505099	250.433	ug/l	99
24) 1,1-Dichloroethane	3.67	63	451065	50.377	ug/l	99
25) 2-Butanone	4.64	43	940778	233.133	ug/l	100
26) 2,2-Dichloropropane	4.55	77	267032	36.654	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	268503	47.419	ug/l	97
28) Bromochloromethane	4.98	49	190295	44.030	ug/l	97
29) Tetrahydrofuran	5.09	42	609395	237.226	ug/l	98
30) Chloroform	5.18	83	466739	50.342	ug/l	95
31) Cyclohexane	5.55	56	359772	47.700	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	435468	51.182	ug/l	99
36) 1,1-Dichloropropene	5.77	75	335661	50.098	ug/l	99
37) Ethyl Acetate	4.80	43	370308	47.587	ug/l	99
38) Carbon Tetrachloride	5.75	117	399139	52.862	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	358614	48.949	ug/l	99
40) Benzene	6.11	78	969606	49.250	ug/l	100
41) Methacrylonitrile	5.00	41	207583	48.583	ug/l	98
42) 1,2-Dichloroethane	6.16	62	393612	52.183	ug/l	99
43) Isopropyl Acetate	6.42	43	609338	48.480	ug/l	99
44) Trichloroethene	7.19	130	275481	49.522	ug/l	99
45) 1,2-Dichloropropane	7.49	63	257107	48.455	ug/l	98
46) Dibromomethane	7.64	93	183548	49.191	ug/l	99
47) Bromodichloromethane	7.88	83	385757	51.777	ug/l	99
48) Methyl methacrylate	7.74	41	304101	48.602	ug/l	98
49) 1,4-Dioxane	7.71	88	104160	919.019	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1922775	247.655	ug/l	100
52) Toluene	8.77	92	627560	50.270	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	401931	48.676	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	406460	46.468	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	267140	50.175	ug/l	97
56) Ethyl methacrylate	9.16	69	406376	51.342	ug/l	99
57) 1,3-Dichloropropane	9.35	76	438683	49.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	793002	222.720	ug/l	98
59) 2-Hexanone	9.48	43	1492590	252.828	ug/l	100
60) Dibromochloromethane	9.57	129	329783	52.801	ug/l	98
61) 1,2-Dibromoethane	9.65	107	292749	50.646	ug/l	98
64) Tetrachloroethene	9.32	164	264497	50.783	ug/l	95
65) Chlorobenzene	10.12	112	701546	49.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	288240	51.664	ug/l	97
67) Ethyl Benzene	10.24	91	1235982	51.344	ug/l	99
68) m/p-Xylenes	10.34	106	932822	103.819	ug/l	96
69) o-Xylene	10.68	106	455041	52.243	ug/l	97
70) Styrene	10.70	104	783728	52.836	ug/l	98
71) Bromoform	10.84	173	246991	51.902	ug/l	98
73) Isopropylbenzene	11.00	105	1240759	48.946	ug/l	100
74) N-amyl acetate	10.88	43	563520	46.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	387943	43.382	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	377241m	44.126	ug/l	
77) Bromobenzene	11.24	156	339171	48.403	ug/l	95
78) n-propylbenzene	11.34	91	1409444	48.967	ug/l	100
79) 2-Chlorotoluene	11.40	91	861693	48.456	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1069379	51.335	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	131307	41.482	ug/l	99
82) 4-Chlorotoluene	11.49	91	1007723	47.668	ug/l	99
83) tert-Butylbenzene	11.76	119	1031428	50.172	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1089729	51.167	ug/l	99
85) sec-Butylbenzene	11.93	105	1197964	51.243	ug/l	99
86) p-Isopropyltoluene	12.05	119	1114760	51.911	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	567719	46.146	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	571332	46.381	ug/l	99
89) n-Butylbenzene	12.37	91	942850	48.105	ug/l	99
90) Hexachloroethane	12.58	117	217300	51.432	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	546473	47.188	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	103435	46.260	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	375320	48.602	ug/l	97
94) Hexachlorobutadiene	13.77	225	149893	49.211	ug/l	98
95) Naphthalene	13.82	128	1235559	48.616	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364514	47.771	ug/l	96

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

