

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018697.D
 Acq On : 30 Sep 2020 14:10
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00586

Quant Time: Oct 01 01:09:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	215395	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	207464	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	109535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46251	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.70	69	42549	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.34	63	117157	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.56	46	160974	56.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.02%
24) Chloroform-d	5.14	84	132242	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	6.03	65	75495	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	6.05	84	228408	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	7.37	67	70492	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	8.70	98	220461	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
45) trans-1,3-Dichloropropene-	8.99	79	31279	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
48) 2-Hexanone-d5	9.43	63	131165	56.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.88%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	58942	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	85290	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	68820	5.280	ug/L 97
3) Chloromethane	1.31	50	56429	5.068	ug/L 99
5) Vinyl chloride	1.39	62	60443	5.183	ug/L 97
6) Bromomethane	1.64	94	32062	4.599	ug/L 100
8) Chloroethane	1.72	64	34226	5.337	ug/L 98
9) Trichlorofluoromethane	1.92	101	109669	5.429	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	60773	5.481	ug/L 95
12) 1,1-Dichloroethene	2.36	96	55131	5.243	ug/L 87
13) Acetone	2.45	43	85364	53.660	ug/L 86
14) Carbon disulfide	2.55	76	157760	4.934	ug/L 99
15) Methyl Acetate	2.76	43	23279	5.287	ug/L 96
16) Methylene chloride	2.84	84	57240	3.984	ug/L 100
17) Methyl tert-butyl Ether	3.17	73	127930	5.466	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	56425	5.368	ug/L 94
19) 1,1-Dichloroethane	3.67	63	101641	5.392	ug/L 98
21) 2-Butanone	4.66	43	135335	53.597	ug/L # 60
22) cis-1,2-Dichloroethene	4.57	96	56006	5.107	ug/L # 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	27106	5.155	ug/L	87
25) Chloroform	5.18	83	112001	5.436	ug/L	98
27) 1,2-Dichloroethane	6.16	62	71853	5.513	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	108874	5.510	ug/L	98
30) Cyclohexane	5.55	56	79291	5.044	ug/L	99
31) Carbon tetrachloride	5.76	117	99798	5.477	ug/L	99
33) Benzene	6.11	78	216651	5.416	ug/L	100
34) Trichloroethene	7.19	95	59691	5.157	ug/L	93
35) Methylcyclohexane	7.44	83	82118	5.101	ug/L	96
37) 1,2-Dichloropropane	7.49	63	56033	5.250	ug/L	100
38) Bromodichloromethane	7.88	83	80075	5.558	ug/L #	93
39) cis-1,3-Dichloropropene	8.42	75	77695	5.133	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	326295	55.158	ug/L	99
42) Toluene	8.76	91	236259	5.468	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	207091	5.482	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	207572	5.493	ug/L	96
46) trans-1,3-Dichloropropene	9.02	75	71857	5.205	ug/L	95
47) 1,1,2-Trichloroethane	9.20	97	40275	5.259	ug/L	94
49) Tetrachloroethene	9.32	164	50935	5.589	ug/L	96
50) 2-Hexanone	9.48	43	249697	59.633	ug/L	96
51) Dibromochloromethane	9.57	129	55873	5.575	ug/L	95
52) 1,2-Dibromoethane	9.65	107	38988	5.464	ug/L #	98
53) Chlorobenzene	10.12	112	156582	5.486	ug/L	97
54) Ethylbenzene	10.23	91	256040	5.440	ug/L	99
55) m,p-xylene	10.34	106	98106	5.452	ug/L	95
56) o-xylene	10.68	106	91617	5.388	ug/L	88
57) Styrene	10.70	104	159748	5.691	ug/L	100
58) Isopropylbenzene	11.00	105	254700	5.587	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	47761	5.521	ug/L	95
62) Bromoform	10.84	173	31791	5.451	ug/L	93
63) 1,3-Dichlorobenzene	12.01	146	123871	5.202	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	121303	5.043	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	117409	5.292	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	10545	5.590	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	89781	5.022	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	73879	5.041	ug/L	99
70) Naphthalene	13.82	128	126227	5.096	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	69461	5.245	ug/L	98

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

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