

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
 Data File : VX018809.D
 Acq On : 06 Oct 2020 19:21
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

Quant Time: Oct 07 01:34:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	116237	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	111244	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	57809	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29752	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.70	69	26961	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.34	63	66874	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.56	46	110438	62.01	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.02%
24) Chloroform-d	5.14	84	82381	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	6.03	65	45801	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	6.05	84	137418	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	7.37	67	41948	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	8.70	98	126309	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
45) trans-1,3-Dichloropropene-	8.99	79	19995	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
48) 2-Hexanone-d5	9.43	63	90636	62.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.78%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	36567	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	51369	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	36902	4.729	ug/L	98
3) Chloromethane	1.31	50	29731	5.288	ug/L	98
5) Vinyl chloride	1.39	62	32973	5.257	ug/L	94
6) Bromomethane	1.64	94	18365	4.941	ug/L	97
8) Chloroethane	1.71	64	20446	5.375	ug/L	98
9) Trichlorofluoromethane	1.92	101	65366	4.884	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	33132	5.076	ug/L	98
12) 1,1-Dichloroethene	2.36	96	30597	5.284	ug/L	87
13) Acetone	2.46	43	52278	53.765	ug/L	100
14) Carbon disulfide	2.55	76	91498	5.049	ug/L	99
15) Methyl Acetate	2.76	43	11748	4.916	ug/L	97
16) Methylene chloride	2.83	84	33685	4.798	ug/L	98
17) Methyl tert-butyl Ether	3.17	73	75918	5.083	ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	31996	5.161	ug/L	97
19) 1,1-Dichloroethane	3.67	63	58404	5.299	ug/L	93
21) 2-Butanone	4.66	43	80743	57.041	ug/L	99
22) cis-1,2-Dichloroethene	4.57	96	34446	5.387	ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	16862	5.202	ug/L	93
25) Chloroform	5.17	83	63549	5.045	ug/L	99
27) 1,2-Dichloroethane	6.16	62	43238	4.725	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	62425	4.744	ug/L	98
30) Cyclohexane	5.54	56	47189	5.170	ug/L	98
31) Carbon tetrachloride	5.76	117	57433	4.732	ug/L	99
33) Benzene	6.11	78	126661	5.437	ug/L	100
34) Trichloroethene	7.19	95	35594	5.175	ug/L	96
35) Methylcyclohexane	7.44	83	49951	5.125	ug/L	97
37) 1,2-Dichloropropane	7.49	63	31370	5.375	ug/L	100
38) Bromodichloromethane	7.87	83	45437	4.882	ug/L #	95
39) cis-1,3-Dichloropropene	8.41	75	46558	4.998	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	196280	58.055	ug/L	100
42) Toluene	8.76	91	139591	5.476	ug/L	94
43) 1,3,5-Trimethylbenzene	11.49	105	120210	4.983	ug/L	95
44) 1,2,4-Trimethylbenzene	11.79	105	124023	5.065	ug/L	96
46) trans-1,3-Dichloropropene	9.02	75	44144	5.133	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	23099	5.245	ug/L	95
49) Tetrachloroethene	9.32	164	29940	4.980	ug/L	94
50) 2-Hexanone	9.48	43	141930	57.800	ug/L	97
51) Dibromochloromethane	9.57	129	31864	4.978	ug/L	94
52) 1,2-Dibromoethane	9.65	107	22295	5.007	ug/L #	97
53) Chlorobenzene	10.12	112	91229	5.232	ug/L	94
54) Ethylbenzene	10.23	91	148557	5.199	ug/L	99
55) m,p-xylene	10.34	106	58424	5.242	ug/L	97
56) o-xylene	10.68	106	56356	5.471	ug/L	97
57) Styrene	10.70	104	92867	5.285	ug/L	92
58) Isopropylbenzene	11.00	105	151637	5.258	ug/L	97
60) 1,1,2,2-Tetrachloroethane	11.25	83	28514	5.841	ug/L	100
62) Bromoform	10.84	173	18703	4.895	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	71528	5.091	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	72667	5.186	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	66331	5.056	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	5145	4.602	ug/L	91
68) 1,3,5-Trichlorobenzene	13.15	180	52564	4.860	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	42718	4.758	ug/L	97
70) Naphthalene	13.82	128	71504	4.872	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	40541	5.018	ug/L	94

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

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