

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018760.D
 Acq On : 02 Oct 2020 20:42
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00591

Quant Time: Oct 03 05:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	357966	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	322166	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	158939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92215	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.70	69	76715	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.34	63	195585	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	4.56	46	271023	49.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.82%
24) Chloroform-d	5.15	84	213302	4.22	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	6.03	65	118087	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
32) Benzene-d6	6.05	84	395487	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	7.37	67	122115	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	8.70	98	385530	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
45) trans-1,3-Dichloropropene-	8.99	79	57006	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	9.43	63	235668	56.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.94%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	95012	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	150673	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	98269	4.089	ug/L	98
3) Chloromethane	1.31	50	86980	5.024	ug/L	93
5) Vinyl chloride	1.39	62	92136	4.770	ug/L	93
6) Bromomethane	1.64	94	33695	2.944	ug/L	95
8) Chloroethane	1.72	64	63408	5.412	ug/L	91
9) Trichlorofluoromethane	1.92	101	156651	3.801	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	87199	4.338	ug/L	98
12) 1,1-Dichloroethene	2.36	96	82573	4.631	ug/L	89
13) Acetone	2.45	43	126545	42.260	ug/L	99
14) Carbon disulfide	2.55	76	258300	4.629	ug/L	100
15) Methyl Acetate	2.76	43	33043	4.490	ug/L	99
16) Methylene chloride	2.84	84	87490	4.046	ug/L	97
17) Methyl tert-butyl Ether	3.17	73	211145	4.591	ug/L #	89
18) trans-1,2-Dichloroethene	3.14	96	86657	4.539	ug/L	96
19) 1,1-Dichloroethane	3.67	63	154427	4.550	ug/L	97
21) 2-Butanone	4.66	43	216030	49.557	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	125615	6.379	ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	43699	4.377	ug/L	94
25) Chloroform	5.17	83	167331	4.314	ug/L	98
27) 1,2-Dichloroethane	6.17	62	103520	3.674	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	193782	5.085	ug/L	100
30) Cyclohexane	5.54	56	142356	5.385	ug/L	96
31) Carbon tetrachloride	5.76	117	143503	4.083	ug/L	98
33) Benzene	6.11	78	341537	5.062	ug/L	100
34) Trichloroethene	7.18	95	98301	4.935	ug/L	96
35) Methylcyclohexane	7.44	83	148644	5.266	ug/L	98
37) 1,2-Dichloropropane	7.49	63	86636	5.126	ug/L #	96
38) Bromodichloromethane	7.87	83	117423	4.356	ug/L #	98
39) cis-1,3-Dichloropropene	8.42	75	129404	4.797	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	514718	52.569	ug/L	99
42) Toluene	8.76	91	733364	9.934	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	372953	5.338	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	411577	5.804	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	114956	4.615	ug/L	91
47) 1,1,2-Trichloroethane	9.20	97	60778	4.765	ug/L	91
49) Tetrachloroethene	9.32	164	78822	4.527	ug/L	97
50) 2-Hexanone	9.48	43	369100	51.903	ug/L	98
51) Dibromochloromethane	9.56	129	82593	4.455	ug/L	95
52) 1,2-Dibromoethane	9.65	107	59052	4.580	ug/L #	98
53) Chlorobenzene	10.12	112	245271	4.857	ug/L	97
54) Ethylbenzene	10.23	91	425245	5.139	ug/L	99
55) m,p-xylene	10.34	106	169390	5.248	ug/L	97
56) o-xylene	10.68	106	158491	5.313	ug/L	97
57) Styrene	10.70	104	255527	5.021	ug/L	95
58) Isopropylbenzene	11.00	105	429471	5.143	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	73894	5.227	ug/L	97
62) Bromoform	10.84	173	47679	4.539	ug/L	95
63) 1,3-Dichlorobenzene	12.01	146	199754	5.171	ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	197686	5.131	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	181342	5.028	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	12390	4.031	ug/L #	75
68) 1,3,5-Trichlorobenzene	13.15	180	144916	4.873	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	130531	5.288	ug/L	93
70) Naphthalene	13.82	128	252384	6.255	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	121177	5.456	ug/L	99

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

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