

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
 Data File : VX018811.D
 Acq On : 07 Oct 2020 12:55
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00597

Quant Time: Oct 08 01:13:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 12:19:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	127847	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	125324	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	63511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30316	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.70	69	26876	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.34	63	72286	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.56	46	120642	61.59	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.18%
24) Chloroform-d	5.14	84	89326	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	6.03	65	51985	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	6.04	84	143863	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	7.37	67	45444	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	8.70	98	135552	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
45) trans-1,3-Dichloropropene-	8.99	79	21455	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	9.43	63	97410	60.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.00%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40323	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	56902	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	42972	5.006 ug/L	98
3) Chloromethane	1.31	50	33523	5.421 ug/L	99
5) Vinyl chloride	1.39	62	35825	5.193 ug/L	96
6) Bromomethane	1.64	94	20903	5.114 ug/L	94
8) Chloroethane	1.72	64	21854	5.223 ug/L	90
9) Trichlorofluoromethane	1.92	101	72518	4.927 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	37623	5.241 ug/L	99
12) 1,1-Dichloroethene	2.36	96	34355	5.394 ug/L	78
13) Acetone	2.46	43	60113	56.208 ug/L	97
14) Carbon disulfide	2.55	76	100482	5.042 ug/L	100
15) Methyl Acetate	2.76	43	13295	5.058 ug/L	99
16) Methylene chloride	2.83	84	38903	5.038 ug/L	97
17) Methyl tert-butyl Ether	3.16	73	82485	5.022 ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	35559	5.215 ug/L	97
19) 1,1-Dichloroethane	3.67	63	65873	5.434 ug/L	97
21) 2-Butanone	4.67	43	89236	57.316 ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	37209	5.291 ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	18272	5.125	ug/L	90
25) Chloroform	5.17	83	70563	5.094	ug/L	99
27) 1,2-Dichloroethane	6.16	62	46623	4.633	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	68074	4.592	ug/L	96
30) Cyclohexane	5.54	56	50149	4.877	ug/L	99
31) Carbon tetrachloride	5.75	117	64898	4.746	ug/L	99
33) Benzene	6.11	78	136323	5.194	ug/L	100
34) Trichloroethene	7.18	95	37258	4.808	ug/L	98
35) Methylcyclohexane	7.44	83	52066	4.742	ug/L	93
37) 1,2-Dichloropropane	7.49	63	34841	5.299	ug/L	100
38) Bromodichloromethane	7.87	83	50191	4.787	ug/L #	98
39) cis-1,3-Dichloropropene	8.42	75	50010	4.766	ug/L	94
40) 4-Methyl-2-pentanone	8.62	43	210519	55.271	ug/L	100
42) Toluene	8.76	91	149934	5.221	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	131462	4.837	ug/L	96
44) 1,2,4-Trimethylbenzene	11.79	105	131176	4.755	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	48339	4.989	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	25928	5.225	ug/L	94
49) Tetrachloroethene	9.32	164	33294	4.915	ug/L	98
50) 2-Hexanone	9.47	43	159659	57.715	ug/L	98
51) Dibromochloromethane	9.56	129	35406	4.910	ug/L	99
52) 1,2-Dibromoethane	9.65	107	25159	5.016	ug/L #	96
53) Chlorobenzene	10.12	112	98489	5.014	ug/L	95
54) Ethylbenzene	10.23	91	159014	4.940	ug/L	98
55) m,p-xylene	10.34	106	61330	4.884	ug/L	98
56) o-xylene	10.68	106	59412	5.120	ug/L	93
57) Styrene	10.70	104	101359	5.120	ug/L	92
58) Isopropylbenzene	11.00	105	161642	4.976	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	30092	5.472	ug/L	99
62) Bromoform	10.84	173	19765	4.709	ug/L	96
63) 1,3-Dichlorobenzene	12.01	146	81489	5.279	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	83154	5.401	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	76206	5.287	ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.98	75	6043	4.920	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	59523	5.009	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	47710	4.837	ug/L	94
70) Naphthalene	13.82	128	76407	4.739	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	43242	4.872	ug/L	94

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

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