

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018685.D
 Acq On : 30 Sep 2020 03:09
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00585

Quant Time: Sep 30 07:14:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	243068	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	232874	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	118634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56656	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.70	69	50876	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.34	63	139215	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.00%
20) 2-Butanone-d5	4.56	46	178502	55.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.08%
24) Chloroform-d	5.14	84	150338	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	6.03	65	86928	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	6.04	84	266835	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	7.37	67	80015	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	8.70	98	262621	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
45) trans-1,3-Dichloropropene-	8.99	79	33383	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	9.43	63	142841	54.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.50%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	65149	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	97179	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	71799	4.881	ug/L 99
3) Chloromethane	1.31	50	58371	4.646	ug/L 98
5) Vinyl chloride	1.39	62	61511	4.674	ug/L 93
6) Bromomethane	1.64	94	32669	4.152	ug/L 96
8) Chloroethane	1.72	64	39068	5.398	ug/L 100
9) Trichlorofluoromethane	1.92	101	113326	4.971	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	61383	4.905	ug/L 98
12) 1,1-Dichloroethene	2.36	96	57768	4.868	ug/L 91
13) Acetone	2.46	43	91996	51.245	ug/L 95
14) Carbon disulfide	2.55	76	169154	4.688	ug/L 99
15) Methyl Acetate	2.76	43	22790	4.587	ug/L 99
16) Methylene chloride	2.84	84	61299	3.781	ug/L 99
17) Methyl tert-butyl Ether	3.17	73	134405	5.089	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	55033	4.640	ug/L 98
19) 1,1-Dichloroethane	3.67	63	104639	4.919	ug/L 92
21) 2-Butanone	4.67	43	143907	50.503	ug/L # 57
22) cis-1,2-Dichloroethene	4.56	96	58688	4.742	ug/L 87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	28973	4.883	ug/L	92
25) Chloroform	5.18	83	113819	4.896	ug/L	93
27) 1,2-Dichloroethane	6.17	62	78411	5.332	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	112968	5.093	ug/L	99
30) Cyclohexane	5.55	56	84709	4.801	ug/L	97
31) Carbon tetrachloride	5.75	117	103287	5.050	ug/L	98
33) Benzene	6.11	78	223520	4.978	ug/L	100
34) Trichloroethene	7.19	95	61202	4.711	ug/L	95
35) Methylcyclohexane	7.44	83	81076	4.486	ug/L	96
37) 1,2-Dichloropropane	7.49	63	58469	4.880	ug/L	98
38) Bromodichloromethane	7.87	83	81876	5.062	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	78379	4.613	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	352752	53.124	ug/L	99
42) Toluene	8.76	91	246950	5.092	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	209509	4.941	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	209417	4.937	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	73911	4.770	ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	43044	5.007	ug/L	92
49) Tetrachloroethene	9.32	164	51116	4.997	ug/L	95
50) 2-Hexanone	9.48	43	260250	55.372	ug/L	98
51) Dibromochloromethane	9.57	129	57815	5.139	ug/L	99
52) 1,2-Dibromoethane	9.65	107	41360	5.164	ug/L	98
53) Chlorobenzene	10.12	112	155991	4.869	ug/L	97
54) Ethylbenzene	10.24	91	260023	4.922	ug/L	98
55) m,p-xylene	10.34	106	99949	4.948	ug/L	87
56) o-xylene	10.68	106	96511	5.057	ug/L	78
57) Styrene	10.70	104	164347	5.216	ug/L	100
58) Isopropylbenzene	11.00	105	258750	5.056	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	49663	5.115	ug/L	95
62) Bromoform	10.84	173	34524	5.466	ug/L	91
63) 1,3-Dichlorobenzene	12.01	146	128051	4.965	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	127715	4.902	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	120040	4.996	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	10114	4.951	ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	91074	4.704	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	72936	4.595	ug/L	98
70) Naphthalene	13.82	128	129295	4.819	ug/L	98
71) 1,2,3-Trichlorobenzene	14.01	180	72509	5.055	ug/L	98

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

