

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018668.D
 Acq On : 29 Sep 2020 19:29
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00584

Quant Time: Sep 30 04:58:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	250238	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	233800	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	119605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54505	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.70	69	48577	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.34	63	138158	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	4.56	46	165465	49.55	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	5.14	84	148265	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	6.04	65	79421	4.39	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	6.05	84	263900	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	7.37	67	81815	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	8.70	98	254315	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
45) trans-1,3-Dichloropropene-	8.99	79	34311	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
48) 2-Hexanone-d5	9.43	63	141080	53.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.74%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	63770	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	98264	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	72045	4.757	ug/L 97
3) Chloromethane	1.31	50	60002	4.639	ug/L 94
5) Vinyl chloride	1.39	62	63896	4.716	ug/L 95
6) Bromomethane	1.64	94	29292	3.616	ug/L 98
8) Chloroethane	1.72	64	37657	5.054	ug/L 99
9) Trichlorofluoromethane	1.92	101	114120	4.863	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	61253	4.755	ug/L 98
12) 1,1-Dichloroethene	2.36	96	57738	4.726	ug/L 98
13) Acetone	2.46	43	94113	50.923	ug/L 95
14) Carbon disulfide	2.55	76	169604	4.566	ug/L 97
15) Methyl Acetate	2.76	43	22560	4.410	ug/L 100
16) Methylene chloride	2.84	84	59312	3.553	ug/L 92
17) Methyl tert-butyl Ether	3.17	73	133411	4.907	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	57596	4.717	ug/L 94
19) 1,1-Dichloroethane	3.67	63	108116	4.937	ug/L 98
21) 2-Butanone	4.67	43	143894	49.052	ug/L # 62
22) cis-1,2-Dichloroethene	4.57	96	63078	4.951	ug/L # 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	29055	4.756	ug/L	95
25) Chloroform	5.17	83	118090	4.934	ug/L	96
27) 1,2-Dichloroethane	6.17	62	76887	5.078	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	109319	4.909	ug/L	98
30) Cyclohexane	5.55	56	85773	4.842	ug/L	95
31) Carbon tetrachloride	5.75	117	103187	5.025	ug/L	99
33) Benzene	6.11	78	228597	5.071	ug/L	100
34) Trichloroethene	7.18	95	61906	4.746	ug/L	96
35) Methylcyclohexane	7.45	83	85024	4.686	ug/L	96
37) 1,2-Dichloropropane	7.49	63	58427	4.857	ug/L	99
38) Bromodichloromethane	7.88	83	81179	5.000	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	82457	4.834	ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	350407	52.561	ug/L	99
42) Toluene	8.77	91	246041	5.053	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	211576	4.970	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	219384	5.151	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	75119	4.828	ug/L	93
47) 1,1,2-Trichloroethane	9.20	97	40699	4.715	ug/L	90
49) Tetrachloroethene	9.32	164	52159	5.079	ug/L	96
50) 2-Hexanone	9.48	43	256656	54.391	ug/L	99
51) Dibromochloromethane	9.57	129	57459	5.087	ug/L	99
52) 1,2-Dibromoethane	9.65	107	40980	5.097	ug/L #	98
53) Chlorobenzene	10.12	112	161001	5.006	ug/L	97
54) Ethylbenzene	10.24	91	262542	4.950	ug/L	99
55) m,p-xylene	10.34	106	104085	5.133	ug/L	98
56) o-xylene	10.68	106	99652	5.200	ug/L	83
57) Styrene	10.70	104	169978	5.373	ug/L	95
58) Isopropylbenzene	11.00	105	262987	5.119	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	50019	5.131	ug/L #	98
62) Bromoform	10.84	173	32093	5.040	ug/L	96
63) 1,3-Dichlorobenzene	12.01	146	130501	5.019	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	126959	4.834	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	118973	4.911	ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.98	75	10172	4.939	ug/L	90
68) 1,3,5-Trichlorobenzene	13.15	180	90987	4.661	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	76297	4.768	ug/L	99
70) Naphthalene	13.82	128	132092	4.883	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	71200	4.924	ug/L	98

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

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