

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX093020\
 Data File : VX018725.D
 Acq On : 01 Oct 2020 02:29
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00588

Quant Time: Oct 01 06:19:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	231024	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	220338	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	113827	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45162	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.70	69	43553	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.34	63	117301	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	4.55	46	176049	57.11	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.22%
24) Chloroform-d	5.14	84	143118	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	6.03	65	77771	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	6.05	84	235878	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	7.37	67	72367	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	8.70	98	223798	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
45) trans-1,3-Dichloropropene-	8.99	79	32932	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
48) 2-Hexanone-d5	9.43	63	141461	57.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.62%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	61391	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	89691	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	69187	4.949 ug/L	99
3) Chloromethane	1.31	50	56948	4.769 ug/L	98
5) Vinyl chloride	1.39	62	60807	4.861 ug/L	100
6) Bromomethane	1.64	94	27955	3.738 ug/L	95
8) Chloroethane	1.72	64	35992	5.232 ug/L	93
9) Trichlorofluoromethane	1.92	101	111975	5.168 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	60317	5.072 ug/L	97
12) 1,1-Dichloroethene	2.36	96	55057	4.882 ug/L	91
13) Acetone	2.45	43	89962	52.725 ug/L	98
14) Carbon disulfide	2.55	76	160578	4.683 ug/L	99
15) Methyl Acetate	2.76	43	23608	4.999 ug/L	99
16) Methylene chloride	2.83	84	61265	3.976 ug/L	93
17) Methyl tert-butyl Ether	3.17	73	136915	5.454 ug/L #	93
18) trans-1,2-Dichloroethene	3.14	96	56450	5.007 ug/L	97
19) 1,1-Dichloroethane	3.67	63	105629	5.224 ug/L	98
21) 2-Butanone	4.65	43	143964	53.157 ug/L #	61
22) cis-1,2-Dichloroethene	4.56	96	58927	5.009 ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	28571	5.066	ug/L	83
25) Chloroform	5.17	83	115646	5.234	ug/L	97
27) 1,2-Dichloroethane	6.17	62	77468	5.542	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	112523	5.362	ug/L	99
30) Cyclohexane	5.54	56	81813	4.901	ug/L	99
31) Carbon tetrachloride	5.76	117	105119	5.432	ug/L	98
33) Benzene	6.11	78	223319	5.257	ug/L	100
34) Trichloroethene	7.18	95	63045	5.129	ug/L	94
35) Methylcyclohexane	7.44	83	82310	4.814	ug/L	98
37) 1,2-Dichloropropane	7.49	63	55900	4.931	ug/L	99
38) Bromodichloromethane	7.87	83	81063	5.297	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	79797	4.964	ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	332267	52.886	ug/L	100
42) Toluene	8.77	91	242559	5.286	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	218036	5.435	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	218552	5.445	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	74922	5.110	ug/L	95
47) 1,1,2-Trichloroethane	9.20	97	41192	5.064	ug/L	94
49) Tetrachloroethene	9.32	164	53154	5.492	ug/L	97
50) 2-Hexanone	9.48	43	246001	55.318	ug/L	98
51) Dibromochloromethane	9.56	129	55141	5.180	ug/L	95
52) 1,2-Dibromoethane	9.65	107	39481	5.210	ug/L	98
53) Chlorobenzene	10.12	112	160350	5.290	ug/L	98
54) Ethylbenzene	10.24	91	260871	5.219	ug/L	98
55) m,p-xylene	10.34	106	99144	5.188	ug/L	92
56) o-xylene	10.68	106	92704	5.133	ug/L	95
57) Styrene	10.70	104	161432	5.415	ug/L	99
58) Isopropylbenzene	11.00	105	262524	5.422	ug/L	100
60) 1,1,1,2-Tetrachloroethane	11.25	83	48190	5.246	ug/L	98
62) Bromoform	10.84	173	31796	5.247	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	128530	5.194	ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	128509	5.141	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	125332	5.437	ug/L	92
67) 1,2-Dibromo-3-chloropropan	12.98	75	9738	4.968	ug/L	86
68) 1,3,5-Trichlorobenzene	13.15	180	87600	4.715	ug/L	91
69) 1,2,4-trichlorobenzene	13.63	180	79240	5.203	ug/L	99
70) Naphthalene	13.82	128	132251	5.138	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	73022	5.306	ug/L	95

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

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