

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017462.D
 Acq On : 21 Jul 2020 18:22
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00561

Quant Time: Jul 22 06:23:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 06:14:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	373153	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	365088	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	188472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127845	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.69	69	91715	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.34	63	261321	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.53	46	265878	49.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	5.15	84	238913	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	6.04	65	121402	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	6.05	84	448509	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	7.37	67	132049	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	8.70	98	437014	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
45) trans-1,3-Dichloropropene-	8.99	79	59030	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
48) 2-Hexanone-d5	9.43	63	209027	51.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.02%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	99437	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	156578	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	228697	5.575 ug/L	100
3) Chloromethane	1.31	50	182206	4.775 ug/L	98
5) Vinyl chloride	1.39	62	173724	4.773 ug/L	100
6) Bromomethane	1.63	94	100794	5.099 ug/L	94
8) Chloroethane	1.71	64	94581	4.735 ug/L	97
9) Trichlorofluoromethane	1.92	101	270836	5.181 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	145408	5.126 ug/L	98
12) 1,1-Dichloroethene	2.36	96	130429	4.940 ug/L	94
13) Acetone	2.42	43	200725	45.882 ug/L	99
14) Carbon disulfide	2.55	76	434003	4.845 ug/L	99
15) Methyl Acetate	2.75	43	53258	4.182 ug/L	95
16) Methylene chloride	2.84	84	141602	3.903 ug/L	95
17) Methyl tert-butyl Ether	3.17	73	307319	4.887 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	138865	4.940 ug/L	96
19) 1,1-Dichloroethane	3.67	63	258518	5.223 ug/L	97
21) 2-Butanone	4.64	43	339332	48.692 ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	145864	5.251 ug/L #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.98	128	67757	5.059	ug/L	90
25) Chloroform	5.18	83	273216	5.256	ug/L	99
27) 1,2-Dichloroethane	6.16	62	169932	5.082	ug/L #	93
29) 1,1,1-Trichloroethane	5.46	97	254632	5.192	ug/L	98
30) Cyclohexane	5.54	56	223867	5.648	ug/L	98
31) Carbon tetrachloride	5.75	117	234720	5.312	ug/L	97
33) Benzene	6.12	78	561404	5.222	ug/L	100
34) Trichloroethene	7.19	95	156068	5.380	ug/L	98
35) Methylcyclohexane	7.44	83	226394	5.768	ug/L	98
37) 1,2-Dichloropropane	7.49	63	140490	5.197	ug/L	100
38) Bromodichloromethane	7.87	83	191864	5.299	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	203236	5.205	ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	829420	52.468	ug/L #	96
42) Toluene	8.76	91	612747	5.684	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	549289	5.469	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	555610	5.587	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	183103	5.445	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	99893	5.401	ug/L	91
49) Tetrachloroethene	9.32	164	126209	5.355	ug/L	94
50) 2-Hexanone	9.47	43	594666	51.535	ug/L #	88
51) Dibromochloromethane	9.57	129	130653	5.138	ug/L	96
52) 1,2-Dibromoethane	9.65	107	96658	5.273	ug/L	96
53) Chlorobenzene	10.12	112	392270	5.347	ug/L	100
54) Ethylbenzene	10.24	91	640151	5.475	ug/L	100
55) m,p-xylene	10.34	106	257918	5.525	ug/L	97
56) o-xylene	10.68	106	249751	5.516	ug/L	97
57) Styrene	10.70	104	418209	5.545	ug/L	97
58) Isopropylbenzene	11.00	105	664218	5.676	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	112715	5.121	ug/L	98
62) Bromoform	10.84	173	78794	5.219	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	329188	5.426	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	324919	5.440	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	295900	5.266	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	21528	4.352	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	280736	5.493	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	199334	5.338	ug/L	99
70) Naphthalene	13.82	128	338572	5.167	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	181829	5.267	ug/L	98

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

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