

Data File : VX017931.D
Acq On : 17 Aug 2020 10:40
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD00577

Quant Time: Aug 18 00:53:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 04:16:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	329988	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	321827	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	167449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	89698	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.70	69	74970	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.34	63	210174	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	4.53	46	278159	45.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.86%
24) Chloroform-d	5.14	84	209321	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	6.03	65	114866	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	6.04	84	376232	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	7.37	67	122646	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	8.70	98	347970	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	8.99	79	51531	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
48) 2-Hexanone-d5	9.43	63	229059	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	94601	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	145748	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	196511	5.122 ug/L	96
3) Chloromethane	1.31	50	163475	5.217 ug/L	100
5) Vinyl chloride	1.39	62	166153	5.346 ug/L	96
6) Bromomethane	1.64	94	98675	5.455 ug/L	97
8) Chloroethane	1.72	64	91691	5.274 ug/L	99
9) Trichlorofluoromethane	1.92	101	289819	5.795 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	161515	5.917 ug/L	98
12) 1,1-Dichloroethene	2.36	96	141618	5.599 ug/L	92
13) Acetone	2.43	43	228371	51.617 ug/L	100
14) Carbon disulfide	2.55	76	446277	4.912 ug/L	97
15) Methyl Acetate	2.75	43	60751	4.657 ug/L	95
16) Methylene chloride	2.83	84	166771	4.773 ug/L	98
17) Methyl tert-butyl Ether	3.17	73	360810	5.327 ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	155581	5.421 ug/L	94
19) 1,1-Dichloroethane	3.67	63	286984	5.606 ug/L	99
21) 2-Butanone	4.64	43	387432	50.702 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	168430	5.593 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	78298	5.555	ug/L	99
25) Chloroform	5.17	83	318250	5.772	ug/L	99
27) 1,2-Dichloroethane	6.16	62	192582	5.445	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	298294	5.650	ug/L	98
30) Cyclohexane	5.54	56	239371	5.225	ug/L	99
31) Carbon tetrachloride	5.75	117	273163	5.614	ug/L	100
33) Benzene	6.11	78	623709	5.474	ug/L	100
34) Trichloroethene	7.18	95	175829	5.287	ug/L	96
35) Methylcyclohexane	7.44	83	254336	5.440	ug/L	100
37) 1,2-Dichloropropane	7.49	63	162019	5.655	ug/L	99
38) Bromodichloromethane	7.87	83	224772	5.632	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	237807	5.391	ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	962202	51.582	ug/L	99
42) Toluene	8.76	91	683594	5.527	ug/L	95
43) 1,3,5-Trimethylbenzene	11.49	105	639718	5.667	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	653387	5.683	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	212055	5.389	ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	115215	5.359	ug/L	93
49) Tetrachloroethene	9.32	164	148320	5.575	ug/L	98
50) 2-Hexanone	9.47	43	694300	51.927	ug/L	100
51) Dibromochloromethane	9.56	129	156082	5.271	ug/L	94
52) 1,2-Dibromoethane	9.65	107	113559	5.396	ug/L	99
53) Chlorobenzene	10.12	112	448867	5.576	ug/L	95
54) Ethylbenzene	10.23	91	750855	5.563	ug/L	99
55) m,p-xylene	10.34	106	292754	5.680	ug/L	99
56) o-xylene	10.68	106	283147	5.667	ug/L	98
57) Styrene	10.70	104	480808	5.690	ug/L	100
58) Isopropylbenzene	11.00	105	785322	5.872	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	126438	5.355	ug/L	100
62) Bromoform	10.84	173	91357	5.455	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	378351	5.801	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	366132	5.643	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	351430	5.802	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	27504	5.226	ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	287055	5.960	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	249842	5.860	ug/L	97
70) Naphthalene	13.82	128	431855	5.514	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	222130	5.537	ug/L	97

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

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