

Data File : VX017951.D
Acq On : 17 Aug 2020 20:44
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD00578

Quant Time: Aug 18 01:03:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 00:59:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	252210	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	237215	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	134001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	83395	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.69	69	71919	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.34	63	188814	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	4.53	46	253362	54.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.48%
24) Chloroform-d	5.14	84	183912	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	6.03	65	100947	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	6.04	84	321115	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	7.37	67	115171	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	8.70	98	335361	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
45) trans-1,3-Dichloropropene-	8.99	79	47267	5.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.40%
48) 2-Hexanone-d5	9.43	63	196908	54.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.68%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	81127	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	126390	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	133372	4.548 ug/L	97
3) Chloromethane	1.31	50	133810	5.588 ug/L	99
5) Vinyl chloride	1.39	62	136684	5.754 ug/L	98
6) Bromomethane	1.63	94	83993	6.076 ug/L	92
8) Chloroethane	1.71	64	79684	5.997 ug/L	98
9) Trichlorofluoromethane	1.92	101	223629	5.850 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	125868	6.033 ug/L	98
12) 1,1-Dichloroethene	2.35	96	119019	6.157 ug/L	89
13) Acetone	2.42	43	178652	52.831 ug/L	99
14) Carbon disulfide	2.55	76	324581	4.675 ug/L	100
15) Methyl Acetate	2.75	43	48990	4.914 ug/L	97
16) Methylene chloride	2.83	84	124747	4.672 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	270046	5.217 ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	116353	5.304 ug/L	99
19) 1,1-Dichloroethane	3.67	63	219428	5.608 ug/L	98
21) 2-Butanone	4.63	43	294189	50.372 ug/L	97
22) cis-1,2-Dichloroethene	4.57	96	120040	5.215 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	59505	5.524	ug/L	91
25) Chloroform	5.17	83	234901	5.574	ug/L	99
27) 1,2-Dichloroethane	6.16	62	148324	5.487	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	221600	5.694	ug/L	99
30) Cyclohexane	5.55	56	178767	5.294	ug/L	98
31) Carbon tetrachloride	5.76	117	204632	5.705	ug/L	99
33) Benzene	6.12	78	437313	5.207	ug/L	100
34) Trichloroethene	7.19	95	123598	5.042	ug/L	94
35) Methylcyclohexane	7.44	83	161310	4.681	ug/L	96
37) 1,2-Dichloropropane	7.49	63	111817	5.295	ug/L	100
38) Bromodichloromethane	7.88	83	176756	6.008	ug/L	93
39) cis-1,3-Dichloropropene	8.41	75	172875	5.317	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	765343	55.663	ug/L	99
42) Toluene	8.77	91	526916	5.780	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	420538	5.054	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	451470	5.328	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	148519	5.121	ug/L	99
47) 1,1,2-Trichloroethane	9.20	97	87188	5.502	ug/L	98
49) Tetrachloroethene	9.32	164	103602	5.283	ug/L	95
50) 2-Hexanone	9.48	43	480187	48.723	ug/L	98
51) Dibromochloromethane	9.57	129	116949	5.358	ug/L	95
52) 1,2-Dibromoethane	9.65	107	77952	5.025	ug/L #	93
53) Chlorobenzene	10.12	112	310962	5.240	ug/L	96
54) Ethylbenzene	10.24	91	524490	5.272	ug/L	98
55) m,p-xylene	10.34	106	203745	5.363	ug/L	95
56) o-xylene	10.68	106	212256	5.763	ug/L	96
57) Styrene	10.69	104	372617	5.982	ug/L	95
58) Isopropylbenzene	11.01	105	511556	5.189	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.26	83	89010	5.115	ug/L	99
62) Bromoform	10.84	173	66288	4.946	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	264482	5.068	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	273453	5.267	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	236665	4.882	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.99	75	19661	4.669	ug/L	91
68) 1,3,5-Trichlorobenzene	13.15	180	195133	5.063	ug/L	94
69) 1,2,4-trichlorobenzene	13.63	180	175289	5.138	ug/L	97
70) Naphthalene	13.82	128	309784	4.943	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	167861	5.229	ug/L	100

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

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