Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081020\
Data File : VX017840.D
Acq On : 10 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 : VSTD00568

Quant Time: Aug 11 07:10:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 00:10:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	348018	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	331262	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	173043	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	89425	3.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.40%			
7) Chloroethane-d5	1.69	69	82024	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.34	63	199879	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	4.53	46	329483	51.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.18%			
24) Chloroform-d	5.14	84	229510	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	6.03	65	128059	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	6.04	84	381708	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	7.37	67	127019	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	8.70	98	348949	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.60%			
45) trans-1,3-Dichloropropene-	8.99	79	54918	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
48) 2-Hexanone-d5	9.43	63	257471	50.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.78%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	107709	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	162850	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	172542	4.264	ug/L	98
3) Chloromethane	1.31	50	168452	5.098	ug/L	98
5) Vinyl chloride	1.39	62	167576	5.113	ug/L	98
6) Bromomethane	1.63	94	105724	5.542	ug/L	98
8) Chloroethane	1.72	64	97786	5.334	ug/L	96
9) Trichlorofluoromethane	1.92	101	270512	5.128	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	148971	5.175	ug/L	96
12) 1,1-Dichloroethene	2.36	96	135585	5.083	ug/L	93
13) Acetone	2.42	43	235503	50.471	ug/L	97
14) Carbon disulfide	2.55	76	450877	4.706	ug/L	99
15) Methyl Acetate	2.75	43	61325	4.458	ug/L	95
16) Methylene chloride	2.83	84	157943	4.286	ug/L	96
17) Methyl tert-butyl Ether	3.17	73	361437	5.060	ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	155857	5.149	ug/L	93
19) 1,1-Dichloroethane	3.67	63	275937	5.111	ug/L	97
21) 2-Butanone	4.64	43	385130	47.789	ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	165088	5.198	ug/L #	98

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00568

Quant Time: Aug 11 07:10:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 00:10:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.98	128	76221	5.128	ug/L	#	92
25) Chloroform	5.17	83	305272	5.250	ug/L		96
27) 1,2-Dichloroethane	6.16	62	188826	5.062	ug/L		99
29) 1,1,1-Trichloroethane	5.46	97	279711	5.147	ug/L		99
30) Cyclohexane	5.54	56	227787	4.831	ug/L		100
31) Carbon tetrachloride	5.75	117	253018	5.052	ug/L		100
33) Benzene	6.11	78	607795	5.183	ug/L		100
34) Trichloroethene	7.19	95	172081	5.027	ug/L		94
35) Methylcyclohexane	7.43	83	242867	5.047	ug/L		99
37) 1,2-Dichloropropane	7.49	63	157976	5.357	ug/L		99
38) Bromodichloromethane	7.87	83	217826	5.302	ug/L		97
39) cis-1,3-Dichloropropene	8.42	75	233329	5.139	ug/L		100
40) 4-Methyl-2-pentanone	8.62	43	952825	49.624	ug/L		100
42) Toluene	8.76	91	672864	5.285	ug/L		97
43) 1,3,5-Trimethylbenzene	11.49	105	630062	5.422	ug/L		99
44) 1,2,4-Trimethylbenzene	11.79	105	656262	5.546	ug/L		100
46) trans-1,3-Dichloropropene	9.02	75	211204	5.215	ug/L		99
47) 1,1,2-Trichloroethane	9.20	97	111597	5.043	ug/L		97
49) Tetrachloroethene	9.32	164	142125	5.190	ug/L		94
50) 2-Hexanone	9.47	43	685197	49.786	ug/L		99
51) Dibromochloromethane	9.56	129	154831	5.080	ug/L		99
52) 1,2-Dibromoethane	9.65	107	109719	5.065	ug/L	#	96
53) Chlorobenzene	10.12	112	441865	5.332	ug/L		97
54) Ethylbenzene	10.23	91	727221	5.234	ug/L		97
55) m,p-xylene	10.34	106	282649	5.328	ug/L		96
56) o-xylene	10.68	106	272783	5.304	ug/L		99
57) Styrene	10.70	104	470105	5.405	ug/L		99
58) Isopropylbenzene	11.00	105	729795	5.301	ug/L		100
60) 1,1,2,2-Tetrachloroethane	11.25	83	121119	4.984	ug/L		97
62) Bromoform	10.84	173	91957	5.313	ug/L		98
63) 1,3-Dichlorobenzene	12.01	146	370449	5.497	ug/L		98
64) 1,4-Dichlorobenzene	12.08	146	366459	5.466	ug/L		98
66) 1,2-Dichlorobenzene	12.37	146	337257	5.388	ug/L		98
67) 1,2-Dibromo-3-chloropropan	12.98	75	25676	4.721	ug/L		97
68) 1,3,5-Trichlorobenzene	13.15	180	283161	5.689	ug/L		97
69) 1,2,4-trichlorobenzene	13.63	180	250607	5.688	ug/L		98
70) Naphthalene	13.82	128	438046	5.412	ug/L		99
71) 1,2,3-Trichlorobenzene	14.01	180	231331	5.580	ug/L		98

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

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