Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072320\
Data File : VV017640.D
Acq On : 24 Jul 2020 10:54
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

Manual Integrations APPROVED
sam
7/24/2020 7:06:06 PM

Quant Time: Jul 24 12:53:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 12:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	166196	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160610	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91540	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	36073	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.57	69	29527	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.12	63	88086	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	3.95	46	85712	45.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.30%			
24) Chloroform-d	4.37	84	96473	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.05	65	48350	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.07	84	168235	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.09	67	46668	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.33	98	166131	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
45) trans-1,3-Dichloropropene-	7.64	79	20965	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
48) 2-Hexanone-d5	8.11	63	60535	43.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.60%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32991	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	65653	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	92382	5.073	ug/L	97
3) Chloromethane	1.24	50	58143	4.908	ug/L	97
5) Vinyl chloride	1.32	62	59105	4.978	ug/L	98
6) Bromomethane	1.53	94	35767	4.687	ug/L	97
8) Chloroethane	1.59	64	34084	4.973	ug/L	98
9) Trichlorofluoromethane	1.76	101	114182	5.377	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	50833	5.125	ug/L	96
12) 1,1-Dichloroethene	2.13	96	46399	5.184	ug/L	95
13) Acetone	2.23	43	72188m	48.573	ug/L	
14) Carbon disulfide	2.30	76	139167	5.115	ug/L	97
15) Methyl Acetate	2.46	43	16198	5.601	ug/L #	82
16) Methylene chloride	2.52	84	46985	4.718	ug/L	93
17) Methyl tert-butyl Ether	2.79	73	116883	5.095	ug/L	97
18) trans-1,2-Dichloroethene	2.77	96	49977	5.125	ug/L	98
19) 1,1-Dichloroethane	3.20	63	90265	4.402	ug/L	98
21) 2-Butanone	4.04	43	114028	45.438	ug/L #	66
22) cis-1,2-Dichloroethene	3.93	96	61667	5.022	ug/L	96

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ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

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Quant Time: Jul 24 12:53:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 12:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	27865	4.924 ug/L	90
25) Chloroform	4.40	83	118012	5.127 ug/L	99
27) 1,2-Dichloroethane	5.15	62	75816	5.080 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	114955	5.116 ug/L	99
30) Cyclohexane	4.69	56	83140	4.670 ug/L	98
31) Carbon tetrachloride	4.84	117	103416	5.174 ug/L	99
33) Benzene	5.12	78	227825	5.011 ug/L	100
34) Trichloroethene	5.93	95	63687	5.015 ug/L	92
35) Methylcyclohexane	6.15	83	90330	4.702 ug/L	97
37) 1,2-Dichloropropane	6.19	63	50714	4.747 ug/L	100
38) Bromodichloromethane	6.53	83	80884	5.146 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	76754	4.763 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	279938	47.787 ug/L	98
42) Toluene	7.41	91	254395	5.130 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	244368	5.277 ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	251913	5.325 ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	71672	4.954 ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	39185	4.836 ug/L	93
49) Tetrachloroethene	7.99	164	56959	5.087 ug/L	95
50) 2-Hexanone	8.16	43	203052	48.987 ug/L	98
51) Dibromochloromethane	8.26	129	54405	5.275 ug/L	100
52) 1,2-Dibromoethane	8.37	107	37154	4.859 ug/L	99
53) Chlorobenzene	8.90	112	167159	5.056 ug/L	99
54) Ethylbenzene	9.03	91	285404	5.140 ug/L	99
55) m,p-xylene	9.16	106	109179	5.221 ug/L	97
56) o-xylene	9.56	106	104044	5.127 ug/L	95
57) Styrene	9.58	104	179434	5.299 ug/L	98
58) Isopropylbenzene	9.95	105	290727	5.193 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	43539	4.931 ug/L	97
62) Bromoform	9.75	173	28679	4.895 ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	146940	4.986 ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	144028	4.870 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	131744	4.907 ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	7561	4.504 ug/L	99
68) 1,3,5-Trichlorobenzene	12.67	180	118184	4.936 ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	95093	4.749 ug/L	99
70) Naphthalene	13.53	128	127743	4.575 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	84212	4.746 ug/L	96

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

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