Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102219\
Data File : VV013272.D
Acq On : 22 Oct 2019 11:46
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

Manual Integrations APPROVED
MMDadoda
10/24/2019 10:33:27 AM

Quant Time: Oct 23 01:23:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	545429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	571351	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	358090	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	196936	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.58	69	162239	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.13	63	336663	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%			
20) 2-Butanone-d5	3.95	46	348884	45.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.36%			
24) Chloroform-d	4.40	84	426659	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.08	65	192440	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%			
32) Benzene-d6	5.09	84	845340	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.11	67	250758	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.35	98	793769	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloropropene-	7.66	79	89017	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.13	63	265309	35.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 70.68%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	182418	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	300651	4.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	276934	4.593	ug/L	99
3) Chloromethane	1.25	50	230224	4.400	ug/L	99
5) Vinyl chloride	1.32	62	235608	4.476	ug/L	98
6) Bromomethane	1.53	94	146678	4.947	ug/L	99
8) Chloroethane	1.60	64	137853	4.395	ug/L	99
9) Trichlorofluoromethane	1.77	101	342630	4.498	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	207521	4.611	ug/L	99
12) 1,1-Dichloroethene	2.14	96	191861	4.474	ug/L	98
13) Acetone	2.21	43	151869m	38.036	ug/L	
14) Carbon disulfide	2.31	76	546125	4.436	ug/L	100
15) Methyl Acetate	2.47	43	57236	4.239	ug/L	99
16) Methylene chloride	2.53	84	251468	3.902	ug/L	93
17) Methyl tert-butyl Ether	2.80	73	479002	4.823	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	255618	5.056	ug/L	92
19) 1,1-Dichloroethane	3.23	63	447032	5.440	ug/L	98
21) 2-Butanone	4.03	43	395727	44.274	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	260336	4.811	ug/L #	88

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	113553	4.422 ug/L	95
25) Chloroform	4.42	83	459612	4.291 ug/L	100
27) 1,2-Dichloroethane	5.17	62	248631	4.346 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	388287	4.598 ug/L	100
30) Cyclohexane	4.72	56	402073	4.587 ug/L	99
31) Carbon tetrachloride	4.87	117	347945	4.592 ug/L	99
33) Benzene	5.14	78	1021659	4.683 ug/L	100
34) Trichloroethene	5.95	95	272393	4.653 ug/L	97
35) Methylcyclohexane	6.17	83	422232	4.688 ug/L	100
37) 1,2-Dichloropropane	6.22	63	241606	4.559 ug/L	98
38) Bromodichloromethane	6.55	83	305369	4.452 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	329202	4.410 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1130360	41.725 ug/L	98
42) Toluene	7.43	91	1093699	4.774 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	245934	4.349 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	164202	4.439 ug/L	99
47) Tetrachloroethene	8.01	164	246451	4.636 ug/L	99
48) 2-Hexanone	8.18	43	803060	41.525 ug/L	100
49) Dibromochloromethane	8.29	129	207496	4.453 ug/L	99
50) 1,2-Dibromoethane	8.39	107	151357	4.294 ug/L	100
51) Chlorobenzene	8.92	112	700793	4.673 ug/L	99
52) Ethylbenzene	9.05	91	1160120	4.857 ug/L	100
53) m,p-xylene	9.18	106	459216	5.023 ug/L	99
54) o-xylene	9.58	106	433628	4.996 ug/L	100
55) Styrene	9.60	104	740967	5.023 ug/L	99
56) Isopropylbenzene	9.97	105	1158009	5.058 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	183976	4.326 ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	139749	4.421 ug/L	98
61) Bromoform	9.77	173	122533	4.489 ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	595835	4.725 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	587390	4.600 ug/L	96
65) 1,2-Dichlorobenzene	11.68	146	530069	4.564 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	27268	4.135 ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	434813	4.664 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	369113	4.525 ug/L	99
69) Naphthalene	13.55	128	492860	4.380 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	350871	4.632 ug/L	99

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

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