Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040599.D
Acq On : 09 Oct 2020 21:27
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Oct 10 04:24:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135838	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	72271	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	51538	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.92	69	41210	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.58	63	103185	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.65	46	192378	53.41	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.82%			
24) Chloroform-d	5.08	84	99783	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.72	65	59633	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.74	84	186309	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.70	67	61902	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.91	98	170007	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
43) trans-1,3-Dichloropropene-	8.19	79	26294	5.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.60%			
46) 2-Hexanone-d5	8.64	63	142556	53.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.82%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55401	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	66314	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	57294	4.655	ug/L	99
3) Chloromethane	1.53	50	54591	4.743	ug/L	95
5) Vinyl chloride	1.61	62	56761	4.683	ug/L	100
6) Bromomethane	1.87	94	30546	4.641	ug/L	93
8) Chloroethane	1.94	64	35292	4.573	ug/L	100
9) Trichlorofluoromethane	2.15	101	83916	4.821	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52472	4.644	ug/L	97
12) 1,1-Dichloroethene	2.59	96	46602	4.808	ug/L	97
13) Acetone	2.66	43	121551	43.536	ug/L	99
14) Carbon disulfide	2.81	76	126014	4.645	ug/L	97
15) Methyl Acetate	2.97	43	29620	4.646	ug/L	99
16) Methylene chloride	3.06	84	56340	4.527	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	132682	4.841	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	48329	4.763	ug/L	99
19) 1,1-Dichloroethane	3.89	63	103302	4.923	ug/L	98
21) 2-Butanone	4.74	43	210171	48.284	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	54084	4.943	ug/L	97

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Acq On : 09 Oct 2020 21:27
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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Oct 10 04:24:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26373	4.852	ug/L	98
25) Chloroform	5.11	83	107298	5.009	ug/L	97
27) 1,2-Dichloroethane	5.81	62	75178	4.958	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	89454	4.875	ug/L	99
30) Cyclohexane	5.40	56	80208	4.743	ug/L	98
31) Carbon tetrachloride	5.54	117	74659	4.754	ug/L	98
33) Benzene	5.79	78	219173	4.996	ug/L	100
34) Trichloroethene	6.55	95	55831	4.910	ug/L	96
35) Methylcyclohexane	6.77	83	73793	4.576	ug/L	98
37) 1,2-Dichloropropane	6.80	63	60070	4.914	ug/L	100
38) Bromodichloromethane	7.12	83	77069	4.932	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	77185	4.622	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	488034	50.079	ug/L	100
42) Toluene	7.98	91	228074	5.102	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	74211	4.827	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	45064	4.922	ug/L	97
47) Tetrachloroethene	8.56	164	39561	4.876	ug/L	96
48) 2-Hexanone	8.69	43	367648	50.671	ug/L	99
49) Dibromochloromethane	8.82	129	53121	5.043	ug/L	99
50) 1,2-Dibromoethane	8.93	107	42120	4.850	ug/L	100
51) Chlorobenzene	9.45	112	145991	4.958	ug/L	99
52) Ethylbenzene	9.57	91	239439	4.949	ug/L	99
53) m,p-Xylene	9.69	106	90840	5.151	ug/L	96
54) o-Xylene	10.10	106	87250	5.145	ug/L	97
55) Styrene	10.11	104	155183	5.269	ug/L	100
56) Isopropylbenzene	10.48	105	233861	5.123	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	57952	4.821	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	43217	4.813	ug/L	100
61) Bromoform	10.29	173	29300	4.729	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	116705	4.934	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	120031	4.921	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	115331	4.987	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9650	4.766	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	78003	4.648	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	62610	4.828	ug/L	99
69) Naphthalene	14.08	128	99128	4.673	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	59632	4.952	ug/L	99

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

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