Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101120\
Data File : VU040634.D
Acq On : 10 Oct 2020 14:26
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Oct 12 07:10:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134220	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73233	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	47550	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.92	69	38801	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.58	63	98294	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	4.65	46	188359	52.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.86%			
24) Chloroform-d	5.08	84	95435	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.72	65	57464	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.74	84	175752	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.70	67	58546	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.20%			
41) Toluene-d8	7.90	98	159388	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
43) trans-1,3-Dichloropropene-	8.18	79	26376	5.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.40%			
46) 2-Hexanone-d5	8.64	63	140012	53.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.56%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55357	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	62792	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	59542	4.896	ug/L	99
3) Chloromethane	1.53	50	50195	4.414	ug/L	95
5) Vinyl chloride	1.61	62	53852	4.496	ug/L	96
6) Bromomethane	1.87	94	26799	4.121	ug/L	96
8) Chloroethane	1.94	64	34401	4.511	ug/L	99
9) Trichlorofluoromethane	2.15	101	81432	4.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	53142	4.760	ug/L	97
12) 1,1-Dichloroethene	2.59	96	44483	4.645	ug/L	89
13) Acetone	2.66	43	134868	48.888	ug/L	99
14) Carbon disulfide	2.81	76	117079	4.367	ug/L	98
15) Methyl Acetate	2.97	43	30843	4.896	ug/L	100
16) Methylene chloride	3.06	84	54214	4.409	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	132885	4.907	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	46435	4.632	ug/L	99
19) 1,1-Dichloroethane	3.89	63	99034	4.777	ug/L	99
21) 2-Butanone	4.73	43	216228	50.274	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	53428	4.942	ug/L	92

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26038	4.848	ug/L	99
25) Chloroform	5.11	83	104503	4.937	ug/L	96
27) 1,2-Dichloroethane	5.81	62	74149	4.949	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	87087	4.821	ug/L	98
30) Cyclohexane	5.40	56	78795	4.733	ug/L	99
31) Carbon tetrachloride	5.54	117	74364	4.810	ug/L	98
33) Benzene	5.79	78	209374	4.848	ug/L	100
34) Trichloroethene	6.56	95	52979	4.732	ug/L	95
35) Methylcyclohexane	6.77	83	74422	4.688	ug/L	99
37) 1,2-Dichloropropane	6.80	63	58533	4.864	ug/L	100
38) Bromodichloromethane	7.11	83	74693	4.855	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	81743	4.972	ug/L	94
40) 4-Methyl-2-pentanone	7.80	43	483650	50.411	ug/L	100
42) Toluene	7.97	91	217200	4.935	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	76050	5.024	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	44015	4.884	ug/L	98
47) Tetrachloroethene	8.56	164	39894	4.995	ug/L	97
48) 2-Hexanone	8.69	43	375768	52.606	ug/L	100
49) Dibromochloromethane	8.81	129	52019	5.016	ug/L	98
50) 1,2-Dibromoethane	8.92	107	40913	4.785	ug/L	98
51) Chlorobenzene	9.45	112	141144	4.869	ug/L	99
52) Ethylbenzene	9.57	91	234750	4.929	ug/L	99
53) m,p-Xylene	9.69	106	90600	5.218	ug/L	99
54) o-Xylene	10.10	106	84867	5.083	ug/L	97
55) Styrene	10.11	104	154626	5.333	ug/L	100
56) Isopropylbenzene	10.48	105	229224	5.100	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	58101	4.910	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	45118	5.104	ug/L	98
61) Bromoform	10.29	173	29235	4.657	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	117980	4.922	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	122170	4.943	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	113074	4.826	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9634	4.695	ug/L	98
67) 1,3,5-Trichlorobenzene	13.21	180	83117	4.887	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	66603	5.069	ug/L	97
69) Naphthalene	14.08	128	113292	5.271	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	62990	5.162	ug/L	99

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

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