Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071620\
Data File : VU039513.D
Acq On : 16 Jul 2020 09:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Jul 17 01:02:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 16 10:53:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112692	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54728	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	26281	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.92	69	29316	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	2.58	63	57188	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.00%			
20) 2-Butanone-d5	4.65	46	117284	39.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.50%			
24) Chloroform-d	5.08	84	62696	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.72	65	41016	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.74	84	123482	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.70	67	41448	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	7.91	98	114290	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	8.19	79	18420	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.64	63	92673	37.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.70%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39692	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46067	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	32476	4.755	ug/L	99
3) Chloromethane	1.53	50	35406	4.279	ug/L	98
5) Vinyl chloride	1.61	62	37177	4.046	ug/L	96
6) Bromomethane	1.87	94	24049	6.077	ug/L	99
8) Chloroethane	1.94	64	29401	4.429	ug/L	100
9) Trichlorofluoromethane	2.15	101	71774	4.498	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	31714	4.844	ug/L	99
12) 1,1-Dichloroethene	2.59	96	28899	4.312	ug/L	92
13) Acetone	2.66	43	65545	40.633	ug/L	99
14) Carbon disulfide	2.81	76	91426	3.872	ug/L	99
15) Methyl Acetate	2.97	43	17552	4.119	ug/L	93
16) Methylene chloride	3.06	84	37025	4.392	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	90854	4.302	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	31579	4.256	ug/L	94
19) 1,1-Dichloroethane	3.89	63	66501	4.581	ug/L	97
21) 2-Butanone	4.73	43	119617	41.546	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	37654	4.526	ug/L	96

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Acq On : 16 Jul 2020 09:55
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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Jul 17 01:02:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 16 10:53:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	17181	4.546	ug/L		95
25) Chloroform	5.11	83	75475	5.148	ug/L		100
27) 1,2-Dichloroethane	5.81	62	52948	4.993	ug/L		99
29) 1,1,1-Trichloroethane	5.33	97	62175	4.777	ug/L		99
30) Cyclohexane	5.40	56	60702	4.430	ug/L		100
31) Carbon tetrachloride	5.54	117	53983	4.861	ug/L		98
33) Benzene	5.79	78	149411	4.522	ug/L		100
34) Trichloroethene	6.55	95	39657	4.643	ug/L		98
35) Methylcyclohexane	6.77	83	64229	4.694	ug/L		99
37) 1,2-Dichloropropane	6.80	63	40283	4.472	ug/L	#	97
38) Bromodichloromethane	7.12	83	54291	4.720	ug/L		98
39) cis-1,3-Dichloropropene	7.62	75	58446	4.293	ug/L		98
40) 4-Methyl-2-pentanone	7.80	43	313183	41.682	ug/L		98
42) Toluene	7.98	91	161716	4.571	ug/L		97
44) trans-1,3-Dichloropropene	8.22	75	53842	4.457	ug/L		99
45) 1,1,2-Trichloroethane	8.41	97	29497	4.560	ug/L		93
47) Tetrachloroethene	8.56	164	28903	4.865	ug/L		97
48) 2-Hexanone	8.69	43	226477	40.880	ug/L		99
49) Dibromochloromethane	8.82	129	36786	4.695	ug/L		96
50) 1,2-Dibromoethane	8.93	107	29508	4.490	ug/L		97
51) Chlorobenzene	9.45	112	103025	4.765	ug/L		98
52) Ethylbenzene	9.57	91	187951	4.807	ug/L		100
53) m,p-Xylene	9.70	106	69666	4.729	ug/L		99
54) o-Xylene	10.10	106	68305	4.762	ug/L		100
55) Styrene	10.11	104	115883	4.644	ug/L		98
56) Isopropylbenzene	10.48	105	186955	4.820	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	40550	4.503	ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	29132	4.389	ug/L		98
61) Bromoform	10.29	173	20719	4.492	ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	82374	4.803	ug/L		97
63) 1,4-Dichlorobenzene	11.84	146	81503	4.737	ug/L		99
65) 1,2-Dichlorobenzene	12.21	146	79395	4.618	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	6992	4.604	ug/L		98
67) 1,3,5-Trichlorobenzene	13.21	180	60539	4.717	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	51784	4.715	ug/L		95
69) Naphthalene	14.08	128	84601	3.829	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	44267	4.350	ug/L		97

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

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