Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041316.D
Acq On : 18 Nov 2020 16:35
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Nov 19 00:46:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 11:30:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32830	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	22225	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	1.92	69	20546	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.60%			
11) 1,1-Dichloroethene-d2	2.58	63	50140	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.60%			
20) 2-Butanone-d5	4.66	46	91716	48.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.70%			
24) Chloroform-d	5.08	84	56323	5.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.40%			
26) 1,2-Dichloroethane-d4	5.72	65	33261	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.74	84	95507	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
36) 1,2-Dichloropropane-d6	6.70	67	33202	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.90	98	92008	5.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.60%			
43) trans-1,3-Dichloropropene-	8.18	79	13658	5.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.00%			
46) 2-Hexanone-d5	8.64	63	67713	49.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.42%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29324	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	33836	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	28366	5.552	ug/L	100
3) Chloromethane	1.52	50	28567	5.191	ug/L	99
5) Vinyl chloride	1.61	62	28656	5.333	ug/L	99
6) Bromomethane	1.86	94	13670	4.288	ug/L	96
8) Chloroethane	1.94	64	17888	5.015	ug/L	92
9) Trichlorofluoromethane	2.15	101	45666	5.456	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	25616	5.618	ug/L	98
12) 1,1-Dichloroethene	2.59	96	22250	5.522	ug/L	92
13) Acetone	2.67	43	60459	48.544	ug/L #	62
14) Carbon disulfide	2.80	76	57213	4.825	ug/L	98
15) Methyl Acetate	2.97	43	13658	5.279	ug/L	96
16) Methylene chloride	3.06	84	26906	5.326	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	58167	5.273	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	21557	5.493	ug/L	99
19) 1,1-Dichloroethane	3.88	63	48850	5.568	ug/L	98
21) 2-Butanone	4.74	43	88605	46.859	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	23827	5.376	ug/L	95

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Nov 19 00:46:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 11:30:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	12196	5.550 ug/L	92
25) Chloroform	5.10	83	52388	5.506 ug/L	99
27) 1,2-Dichloroethane	5.81	62	37070	5.419 ug/L	95
29) 1,1,1-Trichloroethane	5.33	97	44028	5.647 ug/L	96
30) Cyclohexane	5.40	56	31685	4.918 ug/L	96
31) Carbon tetrachloride	5.54	117	39212	5.800 ug/L	98
33) Benzene	5.79	78	97848	5.661 ug/L	100
34) Trichloroethene	6.55	95	24966	5.344 ug/L	98
35) Methylcyclohexane	6.77	83	31371	5.055 ug/L	99
37) 1,2-Dichloropropane	6.80	63	28704	5.681 ug/L	98
38) Bromodichloromethane	7.11	83	37487	5.676 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	36633	5.198 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	208335	49.826 ug/L	99
42) Toluene	7.97	91	105850	5.730 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	36211	5.432 ug/L	92
45) 1,1,2-Trichloroethane	8.40	97	21532	5.510 ug/L	94
47) Tetrachloroethene	8.56	164	18907	5.477 ug/L	96
48) 2-Hexanone	8.69	43	157703	50.525 ug/L	99
49) Dibromochloromethane	8.81	129	25941	5.602 ug/L	98
50) 1,2-Dibromoethane	8.93	107	19295	5.323 ug/L	98
51) Chlorobenzene	9.45	112	67871	5.547 ug/L	97
52) Ethylbenzene	9.57	91	106345	5.391 ug/L	99
53) m,p-Xylene	9.70	106	40187	5.637 ug/L	97
54) o-Xylene	10.10	106	39419	5.740 ug/L	97
55) Styrene	10.11	104	70816	5.823 ug/L	99
56) Isopropylbenzene	10.48	105	106781	5.870 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	27299	5.344 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	20432	5.128 ug/L	100
61) Bromoform	10.29	173	14671	4.880 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	53157	5.381 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	53078	5.215 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	51018	5.192 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4633	5.079 ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	35858	5.096 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	26734	4.574 ug/L	98
69) Naphthalene	14.08	128	40689	4.300 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	26124	4.813 ug/L	97

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

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