Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041743.D
Acq On : 22 Dec 2020 15:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Dec 23 04:08:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135799	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68477	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	43882	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.92	69	44279	5.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.80%			
11) 1,1-Dichloroethene-d2	2.58	63	90994	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.00%			
20) 2-Butanone-d5	4.66	46	150436	49.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.66%			
24) Chloroform-d	5.08	84	88609	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.72	65	48761	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.74	84	171556	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.70	67	53667	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.91	98	154580	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	8.19	79	23430	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.64	63	136475	47.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.90%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54316	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	58143	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	57118	4.965	ug/L	100
3) Chloromethane	1.53	50	53263	4.765	ug/L	98
5) Vinyl chloride	1.61	62	63321	5.130	ug/L	98
6) Bromomethane	1.86	94	45717	5.925	ug/L	99
8) Chloroethane	1.94	64	42940	5.122	ug/L	95
9) Trichlorofluoromethane	2.15	101	95665	6.124	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54394	5.822	ug/L	97
12) 1,1-Dichloroethene	2.59	96	53077	5.762	ug/L	91
13) Acetone	2.67	43	93262	48.078	ug/L	100
14) Carbon disulfide	2.81	76	148589	4.667	ug/L	100
15) Methyl Acetate	2.97	43	22584	4.478	ug/L #	90
16) Methylene chloride	3.06	84	55465	5.041	ug/L	92
17) Methyl tert-butyl Ether	3.38	73	124555	5.067	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	50562	5.306	ug/L	89
19) 1,1-Dichloroethane	3.89	63	89950	5.051	ug/L	97
21) 2-Butanone	4.74	43	155521	49.221	ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	54506	5.176	ug/L	100

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Dec 23 04:08:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	27035	5.588 ug/L	92
25) Chloroform	5.11	83	95657	5.334 ug/L	98
27) 1,2-Dichloroethane	5.81	62	61233	5.042 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	81499	5.445 ug/L	97
30) Cyclohexane	5.40	56	77334	4.610 ug/L	95
31) Carbon tetrachloride	5.54	117	70567	5.452 ug/L	95
33) Benzene	5.79	78	212581	5.100 ug/L	100
34) Trichloroethene	6.55	95	54843	5.236 ug/L	93
35) Methylcyclohexane	6.77	83	81081	4.789 ug/L	96
37) 1,2-Dichloropropane	6.80	63	53568	5.024 ug/L	98
38) Bromodichloromethane	7.12	83	69599	5.247 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	76953	4.871 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	358076	47.197 ug/L	96
42) Toluene	7.98	91	224927	5.227 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	72070	5.101 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	43404	5.505 ug/L	98
47) Tetrachloroethene	8.56	164	42057	5.736 ug/L	97
48) 2-Hexanone	8.69	43	271698	49.207 ug/L	98
49) Dibromochloromethane	8.82	129	50333	5.557 ug/L	98
50) 1,2-Dibromoethane	8.93	107	42339	5.428 ug/L	97
51) Chlorobenzene	9.45	112	142131	5.313 ug/L	97
52) Ethylbenzene	9.57	91	230401	5.028 ug/L	98
53) m,p-Xylene	9.69	106	90423	5.291 ug/L	97
54) o-Xylene	10.10	106	87528	5.229 ug/L	94
55) Styrene	10.11	104	150699	5.211 ug/L	100
56) Isopropylbenzene	10.48	105	230776	5.179 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	57375	5.229 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	41862	5.228 ug/L	99
61) Bromoform	10.29	173	30068	5.809 ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	111452	5.322 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	109581	5.204 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	108109	5.272 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9693	5.040 ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	80617	5.071 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	61816	4.634 ug/L	98
69) Naphthalene	14.07	128	109694	3.972 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	59434	4.674 ug/L	98

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

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