Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121520\
Data File : VU041640.D
Acq On : 15 Dec 2020 16:37
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Dec 16 02:47:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 02:41:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62128	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	44627	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.92	69	37528	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.58	63	85754	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	4.67	46	139632	49.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.34%			
24) Chloroform-d	5.08	84	82703	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.72	65	46758	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.74	84	159628	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	48001	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	7.91	98	151115	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	8.19	79	22118	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.64	63	126680	47.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.82%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50390	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	53188	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	54297	5.120	ug/L	98
3) Chloromethane	1.53	50	50930	4.943	ug/L	96
5) Vinyl chloride	1.61	62	57646	5.067	ug/L	97
6) Bromomethane	1.87	94	38841	5.460	ug/L	99
8) Chloroethane	1.94	64	34909	4.517	ug/L	98
9) Trichlorofluoromethane	2.15	101	80587	5.596	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	46162	5.360	ug/L	96
12) 1,1-Dichloroethene	2.59	96	44384	5.226	ug/L	92
13) Acetone	2.68	43	76077	42.543	ug/L	60
14) Carbon disulfide	2.81	76	140354	4.782	ug/L	100
15) Methyl Acetate	2.98	43	19428	4.179	ug/L	95
16) Methylene chloride	3.06	84	50583	4.987	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	115766	5.109	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	43834	4.990	ug/L	96
19) 1,1-Dichloroethane	3.89	63	80301	4.891	ug/L	97
21) 2-Butanone	4.75	43	144953	49.765	ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	47441	4.887	ug/L	97

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Data File : VU041640.D
Acq On : 15 Dec 2020 16:37
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Dec 16 02:47:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 02:41:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	23668	5.307 ug/L	92
25) Chloroform	5.11	83	84676	5.122 ug/L	96
27) 1,2-Dichloroethane	5.81	62	58612	5.235 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	72800	5.291 ug/L	99
30) Cyclohexane	5.41	56	68557	4.445 ug/L	92
31) Carbon tetrachloride	5.54	117	62933	5.289 ug/L	99
33) Benzene	5.79	78	186320	4.862 ug/L	100
34) Trichloroethene	6.56	95	47851	4.969 ug/L	96
35) Methylcyclohexane	6.77	83	75741	4.866 ug/L	99
37) 1,2-Dichloropropane	6.80	63	47683	4.865 ug/L	100
38) Bromodichloromethane	7.11	83	62424	5.119 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	69718	4.800 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	341074	48.901 ug/L	97
42) Toluene	7.98	91	201116	5.083 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	64721	4.983 ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	37718	5.203 ug/L	96
47) Tetrachloroethene	8.56	164	36778	5.456 ug/L	94
48) 2-Hexanone	8.69	43	257415	50.712 ug/L	98
49) Dibromochloromethane	8.82	129	45936	5.517 ug/L	98
50) 1,2-Dibromoethane	8.93	107	37117	5.176 ug/L	93
51) Chlorobenzene	9.45	112	124124	5.047 ug/L	97
52) Ethylbenzene	9.57	91	206642	4.905 ug/L	100
53) m,p-Xylene	9.69	106	79416	5.054 ug/L	99
54) o-Xylene	10.10	106	77110	5.011 ug/L	96
55) Styrene	10.11	104	132111	4.970 ug/L	98
56) Isopropylbenzene	10.48	105	205214	5.010 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	52987	5.253 ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	40266	5.470 ug/L	99
61) Bromoform	10.29	173	26926	5.733 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	96563	5.082 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	95063	4.976 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	94080	5.056 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	8857	5.076 ug/L	86
67) 1,3,5-Trichlorobenzene	13.21	180	69174	4.796 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	52750	4.358 ug/L	98
69) Naphthalene	14.07	128	102628	4.096 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	52674	4.566 ug/L	99

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

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