Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040870.D
Acq On : 21 Oct 2020 13:26
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV05

Quant Time: Oct 22 00:40:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:32:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	265316	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	265075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	135540	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	88964	4.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.80%			
7) Chloroethane-d5	1.92	69	76342	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.58	63	189129	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.80%			
20) 2-Butanone-d5	4.65	46	370203	57.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.64%			
24) Chloroform-d	5.08	84	188870	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.72	65	111246	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.74	84	339905	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.70	67	114506	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.91	98	300582	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	8.18	79	49324	5.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.40%			
46) 2-Hexanone-d5	8.64	63	287848	60.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	108323	5.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	119417	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	131178	4.870	ug/L	99
3) Chloromethane	1.53	50	136591	4.672	ug/L	96
5) Vinyl chloride	1.61	62	132448	4.872	ug/L	96
6) Bromomethane	1.86	94	73913	5.396	ug/L	99
8) Chloroethane	1.94	64	78770	4.482	ug/L	100
9) Trichlorofluoromethane	2.15	101	176010	4.908	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	103276	4.954	ug/L	98
12) 1,1-Dichloroethene	2.59	96	96229	4.952	ug/L	94
13) Acetone	2.66	43	247986	54.637	ug/L	98
14) Carbon disulfide	2.81	76	336674	4.870	ug/L	98
15) Methyl Acetate	2.97	43	59933	5.221	ug/L	99
16) Methylene chloride	3.06	84	111637	4.671	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	254683	5.384	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	100691	4.997	ug/L	95
19) 1,1-Dichloroethane	3.89	63	199908	4.931	ug/L	98
21) 2-Butanone	4.73	43	398916	58.314	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	106107	4.795	ug/L	92

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Data File : VU040870.D
Acq On : 21 Oct 2020 13:26
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV05

Quant Time: Oct 22 00:40:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:32:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	49317	4.986 ug/L	86
25) Chloroform	5.11	83	198832	4.806 ug/L	95
27) 1,2-Dichloroethane	5.81	62	143834	5.092 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	169444	4.917 ug/L	99
30) Cyclohexane	5.40	56	176365	5.132 ug/L	98
31) Carbon tetrachloride	5.54	117	148571	4.905 ug/L	99
33) Benzene	5.79	78	430330	5.050 ug/L	100
34) Trichloroethene	6.55	95	109737	5.060 ug/L	97
35) Methylcyclohexane	6.77	83	164892	5.080 ug/L	96
37) 1,2-Dichloropropane	6.80	63	115957	5.040 ug/L	99
38) Bromodichloromethane	7.11	83	146015	4.999 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	160336	5.211 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	931740	60.353 ug/L	100
42) Toluene	7.98	91	444325	5.191 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	150088	5.388 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	80538	5.138 ug/L	96
47) Tetrachloroethene	8.56	164	81010	5.019 ug/L	95
48) 2-Hexanone	8.69	43	700889	62.408 ug/L	99
49) Dibromochloromethane	8.81	129	95323	5.097 ug/L	96
50) 1,2-Dibromoethane	8.93	107	80216	5.478 ug/L	100
51) Chlorobenzene	9.45	112	274118	4.960 ug/L	99
52) Ethylbenzene	9.57	91	463273	5.034 ug/L	98
53) m,p-Xylene	9.69	106	174146	5.253 ug/L	97
54) o-Xylene	10.10	106	165548	5.252 ug/L	98
55) Styrene	10.11	104	292872	5.341 ug/L	100
56) Isopropylbenzene	10.48	105	444975	5.275 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	110923	5.555 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	82585	5.523 ug/L	98
61) Bromoform	10.29	173	53051	5.339 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	222674	5.185 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	229848	5.207 ug/L	95
65) 1,2-Dichlorobenzene	12.20	146	218186	5.413 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	19429	5.180 ug/L #	83
67) 1,3,5-Trichlorobenzene	13.21	180	162703	5.161 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	146230	5.503 ug/L	98
69) Naphthalene	14.08	128	281556	5.757 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	140246	5.442 ug/L	99

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

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