Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
Data File : VU042713.D
Acq On : 19 Mar 2021 11:59
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Mar 20 05:38:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 16 01:32:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	86171	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	87785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49156	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28588	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%			
7) Chloroethane-d5	1.919	69	23821	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.60%			
11) 1,1-Dichloroethene-d2	2.575	63	62921	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	4.645	46	71559	37.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.88%			
24) Chloroform-d	5.073	84	57673	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.713	65	34665	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.739	84	100403	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.700	67	32190	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.906	98	101460	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloroprop...	8.189	79	13548	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.645	63	68605	44.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.34%			
57) 1,1,2,2-Tetrachloroeth...	10.767	84	29556	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.201	152	42296	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	37534	4.68	ug/L	100
3) Chloromethane	1.523	50	34314	4.52	ug/L	94
5) Vinyl chloride	1.607	62	35436	4.65	ug/L	98
6) Bromomethane	1.864	94	22182	5.27	ug/L	94
8) Chloroethane	1.941	64	23476	5.16	ug/L	98
9) Trichlorofluoromethane	2.144	101	65594	5.27	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34501	5.28	ug/L	97
12) 1,1-Dichloroethene	2.588	96	29387	4.84	ug/L	87
13) Acetone	2.655	43	45001	30.96	ug/L	96
14) Carbon disulfide	2.803	76	75708	3.92	ug/L	100
15) Methyl Acetate	2.964	43	16238	4.49	ug/L	94
16) Methylene chloride	3.054	84	32819	4.51	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	80870	4.74	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	29955	4.69	ug/L	97
19) 1,1-Dichloroethane	3.880	63	61620	5.01	ug/L	99
21) 2-Butanone	4.726	43	103174	41.76	ug/L	93
22) cis-1,2-Dichloroethene	4.678	96	33436	4.90	ug/L	99
23) Bromochloromethane	4.986	128	16581	5.11	ug/L	96
25) Chloroform	5.099	83	67552	5.22	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Mar 20 05:38:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.806	62	48083	4.96	ug/L		96
29) 1,1,1-Trichloroethane	5.327	97	59676	4.89	ug/L		98
30) Cyclohexane	5.398	56	50599	4.15	ug/L		98
31) Carbon tetrachloride	5.536	117	52310	4.86	ug/L		99
33) Benzene	5.784	78	133198	4.85	ug/L		100
34) Trichloroethene	6.552	95	35025	4.60	ug/L		97
35) Methylcyclohexane	6.774	83	50980	4.40	ug/L		99
37) 1,2-Dichloropropane	6.800	63	37494	5.06	ug/L		98
38) Bromodichloromethane	7.115	83	47810	4.94	ug/L		96
39) cis-1,3-Dichloropropene	7.616	75	51351	4.75	ug/L		98
40) 4-Methyl-2-pentanone	7.803	43	320045	49.50	ug/L		95
42) Toluene	7.976	91	150795	5.03	ug/L		96
44) trans-1,3-Dichloropropene	8.218	75	46600	4.67	ug/L		99
45) 1,1,2-Trichloroethane	8.407	97	27415	5.01	ug/L		97
47) Tetrachloroethene	8.562	164	30941	4.98	ug/L		99
48) 2-Hexanone	8.697	43	236973	49.68	ug/L		95
49) Dibromochloromethane	8.819	129	35159	5.14	ug/L		100
50) 1,2-Dibromoethane	8.931	107	27941	5.18	ug/L		98
51) Chlorobenzene	9.455	112	96414	5.03	ug/L		99
52) Ethylbenzene	9.578	91	166222	4.93	ug/L		99
53) m,p-Xylene	9.703	106	62793	5.03	ug/L		98
54) o-Xylene	10.108	106	61078	5.05	ug/L		100
55) Styrene	10.121	104	106448	5.18	ug/L		100
56) Isopropylbenzene	10.491	105	168265	5.06	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.793	83	37650	5.14	ug/L	#	97
59) 1,2,3-Trichloropropane	10.832	75	27713	4.97	ug/L		98
61) Bromoform	10.301	173	21447	4.83	ug/L		99
62) 1,3-Dichlorobenzene	11.754	146	86671	5.11	ug/L		99
63) 1,4-Dichlorobenzene	11.844	146	87207	5.16	ug/L		99
65) 1,2-Dichlorobenzene	12.221	146	83680	5.13	ug/L		98
66) 1,2-Dibromo-3-chloropr...	13.005	75	6080	4.43	ug/L		93
67) 1,3,5-Trichlorobenzene	13.227	180	71490	4.86	ug/L		99
68) 1,2,4-trichlorobenzene	13.848	180	56842	4.67	ug/L		98
69) Naphthalene	14.095	128	82825	4.19	ug/L		99
70) 1,2,3-Trichlorobenzene	14.339	180	53927	4.88	ug/L		99

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

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