Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042876.D
Acq On : 01 Apr 2021 14:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 02 14:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Manual Integrations APPROVED
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4/2/2021 5:43:27 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	94105	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	93693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	50450	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30322	5.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.40%			
7) Chloroethane-d5	1.919	69	25453	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.578	63	69923	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.80%			
20) 2-Butanone-d5	4.645	46	114402m	48.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.56%			
24) Chloroform-d	5.073	84	69710	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.713	65	42035	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.735	84	123791	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.700	67	40271	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.906	98	117675	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloroprop...	8.186	79	18233	5.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.80%			
46) 2-Hexanone-d5	8.645	63	96839	53.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.28%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35479	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	12.201	152	48627	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	37343	4.95	ug/L	99
3) Chloromethane	1.523	50	36387	4.93	ug/L	97
5) Vinyl chloride	1.607	62	37118	4.98	ug/L	100
6) Bromomethane	1.864	94	22816	5.20	ug/L	95
8) Chloroethane	1.941	64	22391	4.64	ug/L	96
9) Trichlorofluoromethane	2.144	101	62702	4.82	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33122	5.14	ug/L	98
12) 1,1-Dichloroethene	2.588	96	30193	4.94	ug/L	87
13) Acetone	2.655	43	62509m	44.06	ug/L	
14) Carbon disulfide	2.803	76	91075	4.84	ug/L	100
15) Methyl Acetate	2.964	43	13772	4.36	ug/L	98
16) Methylene chloride	3.057	84	32543	4.66	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	82590	4.81	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	30863	4.92	ug/L	96
19) 1,1-Dichloroethane	3.880	63	61561	4.91	ug/L	96
21) 2-Butanone	4.729	43	115582m	44.94	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	33032	4.72	ug/L	96
23) Bromochloromethane	4.983	128	15807	4.84	ug/L	90
25) Chloroform	5.099	83	64717	4.72	ug/L	97

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.806	62	47646	4.76	ug/L	#	93
29) 1,1,1-Trichloroethane	5.327	97	58803	4.95	ug/L		96
30) Cyclohexane	5.398	56	56175	4.87	ug/L		98
31) Carbon tetrachloride	5.536	117	49563	4.79	ug/L		96
33) Benzene	5.784	78	133202	4.90	ug/L		100
34) Trichloroethene	6.552	95	34739	4.75	ug/L		100
35) Methylcyclohexane	6.771	83	54676	4.98	ug/L		96
37) 1,2-Dichloropropane	6.803	63	36217	4.91	ug/L		98
38) Bromodichloromethane	7.115	83	46835	4.84	ug/L		97
39) cis-1,3-Dichloropropene	7.616	75	52880	4.91	ug/L		99
40) 4-Methyl-2-pentanone	7.803	43	325164	50.00	ug/L		95
42) Toluene	7.977	91	147043	4.92	ug/L		96
44) trans-1,3-Dichloropropene	8.218	75	48500	4.83	ug/L		96
45) 1,1,2-Trichloroethane	8.407	97	26645	4.95	ug/L		95
47) Tetrachloroethene	8.562	164	29508	4.94	ug/L		98
48) 2-Hexanone	8.697	43	239199	50.19	ug/L	#	95
49) Dibromochloromethane	8.819	129	32637	4.81	ug/L		96
50) 1,2-Dibromoethane	8.931	107	25922	4.90	ug/L		98
51) Chlorobenzene	9.456	112	92805	4.87	ug/L		100
52) Ethylbenzene	9.578	91	165393	4.95	ug/L		100
53) m,p-Xylene	9.700	106	60210	4.87	ug/L		95
54) o-Xylene	10.108	106	60288	4.98	ug/L		94
55) Styrene	10.121	104	103464	4.97	ug/L		100
56) Isopropylbenzene	10.491	105	167312	4.97	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.790	83	34554	4.92	ug/L		97
59) 1,2,3-Trichloropropane	10.832	75	25483	4.82	ug/L		100
61) Bromoform	10.298	173	20297	4.91	ug/L		98
62) 1,3-Dichlorobenzene	11.751	146	79729	4.92	ug/L		99
63) 1,4-Dichlorobenzene	11.845	146	80906	5.00	ug/L		100
65) 1,2-Dichlorobenzene	12.221	146	76615	4.93	ug/L		100
66) 1,2-Dibromo-3-chloropr...	13.005	75	6311	5.29	ug/L		89
67) 1,3,5-Trichlorobenzene	13.227	180	68028	5.20	ug/L		98
68) 1,2,4-trichlorobenzene	13.848	180	55690	5.20	ug/L		98
69) Naphthalene	14.095	128	90139	5.17	ug/L		99
70) 1,2,3-Trichlorobenzene	14.336	180	51708	5.30	ug/L		99

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

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