Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082421\
Data File : VU044524.D
Acq On : 24 Aug 2021 15:35
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Manual Integrations APPROVED
MMDadoda
8/25/2021 12:39:17 PM

Quant Time: Aug 25 03:52:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 25 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111445	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	112644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33675	3.736	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.800%			
7) Chloroethane-d5	1.919	69	34041	4.346	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.000%			
11) 1,1-Dichloroethene-d2	2.572	65	16856	4.396	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.000%			
20) 2-Butanone-d5	4.639	46	132157m	53.017	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.040%			
24) Chloroform-d	5.073	84	79485	4.987	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	5.710	65	41587	4.785	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
32) Benzene-d6	5.735	84	154474	4.870	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	6.700	67	49338	4.862	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.903	98	136760	4.862	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
43) trans-1,3-Dichloroprop...	8.186	79	17608	4.832	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.600%			
46) 2-Hexanone-d5	8.645	63	109936	55.785	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.560%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43566	5.098	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	47493	4.861	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	59502	5.192	ug/L	99
3) Chloromethane	1.520	50	72412	4.823	ug/L	100
5) Vinyl chloride	1.607	62	72744	5.241	ug/L	97
6) Bromomethane	1.861	94	40609	5.382	ug/L	99
8) Chloroethane	1.938	64	44081	5.195	ug/L	97
9) Trichlorofluoromethane	2.144	101	83998	5.293	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	47504	5.440	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44890	5.241	ug/L	97
13) Acetone	2.646	43	96379m	46.562	ug/L	
14) Carbon disulfide	2.800	76	138764	4.995	ug/L	100
15) Methyl Acetate	2.961	43	16099	4.762	ug/L #	90
16) Methylene chloride	3.054	84	74233	5.834	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	117712	5.314	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	47639	5.338	ug/L	99
19) 1,1-Dichloroethane	3.877	63	92509	5.347	ug/L	99
21) 2-Butanone	4.719	43	165734m	56.186	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	50967	5.342	ug/L	98
23) Bromochloromethane	4.983	128	22854	5.433	ug/L	96
25) Chloroform	5.096	83	93461	5.266	ug/L	100

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Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	61321	5.179	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	76232	5.407	ug/L	99
30) Cyclohexane	5.398	56	82687	5.306	ug/L	99
31) Carbon tetrachloride	5.533	117	62293	5.377	ug/L	100
33) Benzene	5.780	78	210084	5.497	ug/L	100
34) Trichloroethene	6.549	95	51845	5.487	ug/L	99
35) Methylcyclohexane	6.771	83	82876	5.259	ug/L	100
37) 1,2-Dichloropropane	6.800	63	55256	5.522	ug/L	99
38) Bromodichloromethane	7.112	83	66404	5.404	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	74941	5.340	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	382777	56.334	ug/L	100
42) Toluene	7.977	91	218453	5.487	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	62783	5.278	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	39322	5.510	ug/L	94
47) Tetrachloroethene	8.559	164	35398	5.418	ug/L	98
48) 2-Hexanone	8.694	43	281779	58.118	ug/L	99
49) Dibromochloromethane	8.816	129	41054	5.436	ug/L	96
50) 1,2-Dibromoethane	8.931	107	37314	5.466	ug/L	99
51) Chlorobenzene	9.452	112	132710	5.432	ug/L	99
52) Ethylbenzene	9.578	91	230780	5.488	ug/L	100
53) m,p-Xylene	9.700	106	88210	5.579	ug/L	99
54) o-Xylene	10.105	106	85866	5.576	ug/L	99
55) Styrene	10.121	104	149480	5.920	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	51532	5.484	ug/L	99
59) Bromoform	10.298	173	20204	4.945	ug/L	96
60) Isopropylbenzene	10.491	105	225874	5.352	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	38374	5.310	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	186387	5.401	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	189507	5.355	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	98424	5.311	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	98519	5.262	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	94822	5.368	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7669	5.188	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	67131	5.145	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	54702	5.349	ug/L	99
71) Naphthalene	14.092	128	104087	5.338	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	51262	5.475	ug/L	98

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

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