Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072321\
Data File : VU044398.D
Acq On : 23 Jul 2021 14:56
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 24 01:16:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 24 01:01:20 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VICV018

Manual Integrations APPROVED
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7/30/2021 6:16:44 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	201309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	192919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	83993	4.994	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.800%			
7) Chloroethane-d5	1.919	69	73678	5.102	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.000%			
11) 1,1-Dichloroethene-d2	2.575	65	35577	5.021	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.400%			
20) 2-Butanone-d5	4.649	46	254745m	51.075	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.160%			
24) Chloroform-d	5.073	84	150037	5.126	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.600%			
26) 1,2-Dichloroethane-d4	5.713	65	80762	4.943	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.800%			
32) Benzene-d6	5.735	84	306471	5.070	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
36) 1,2-Dichloropropane-d6	6.700	67	96014	5.111	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.200%			
41) Toluene-d8	7.906	98	282981	5.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.600%			
43) trans-1,3-Dichloroprop...	8.186	79	38589	5.277	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.600%			
46) 2-Hexanone-d5	8.645	63	231381	52.406	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.820%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	85733	5.104	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.000%			
66) 1,2-Dichlorobenzene-d4	12.201	152	101668	5.264	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	93479	5.184	ug/L	100
3) Chloromethane	1.523	50	98644	5.078	ug/L	100
5) Vinyl chloride	1.607	62	105248	5.169	ug/L	99
6) Bromomethane	1.864	94	60438	5.272	ug/L	99
8) Chloroethane	1.941	64	61605	5.241	ug/L	100
9) Trichlorofluoromethane	2.147	101	118334	5.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	70463	5.209	ug/L	99
12) 1,1-Dichloroethene	2.588	96	69099	5.224	ug/L	95
13) Acetone	2.658	43	99004m	41.686	ug/L	
14) Carbon disulfide	2.803	76	225136	5.213	ug/L	99
15) Methyl Acetate	2.967	43	25738	4.745	ug/L #	89
16) Methylene chloride	3.054	84	81225	4.605	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	179245	4.946	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	73232	5.178	ug/L	98
19) 1,1-Dichloroethane	3.880	63	132100	5.182	ug/L	97
21) 2-Butanone	4.729	43	223552m	50.708	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	79676	5.156	ug/L	99
23) Bromochloromethane	4.983	128	35295	5.272	ug/L	95
25) Chloroform	5.099	83	133567	5.088	ug/L	97

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Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
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	84200	4.909	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	112943	5.390	ug/L	99
30) Cyclohexane	5.398	56	130237	5.320	ug/L	99
31) Carbon tetrachloride	5.536	117	92101	5.256	ug/L	98
33) Benzene	5.784	78	310845	5.295	ug/L	100
34) Trichloroethene	6.549	95	78237	5.329	ug/L	98
35) Methylcyclohexane	6.771	83	136055	5.311	ug/L	99
37) 1,2-Dichloropropane	6.800	63	77671	5.192	ug/L	99
38) Bromodichloromethane	7.115	83	96187	5.310	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	118119	5.425	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	552619	52.644	ug/L	99
42) Toluene	7.977	91	333106	5.425	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	99376	5.366	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	60389	5.439	ug/L	98
47) Tetrachloroethene	8.559	164	57344	5.319	ug/L	99
48) 2-Hexanone	8.697	43	400532	52.770	ug/L	97
49) Dibromochloromethane	8.819	129	63732	5.377	ug/L	92
50) 1,2-Dibromoethane	8.931	107	57831	5.371	ug/L	99
51) Chlorobenzene	9.452	112	202405	5.326	ug/L	100
52) Ethylbenzene	9.578	91	353485	5.404	ug/L	99
53) m,p-Xylene	9.700	106	134993	5.336	ug/L	99
54) o-Xylene	10.108	106	134331	5.454	ug/L	98
55) Styrene	10.121	104	226546	5.376	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	76467	5.240	ug/L	98
59) Bromoform	10.298	173	34095	5.360	ug/L	99
60) Isopropylbenzene	10.491	105	347314	5.415	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	56693	5.272	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	295475	5.499	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	301540	5.470	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	156538	5.329	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	157829	5.271	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	151658	5.362	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	12438	5.347	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	118065	5.380	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	106809	5.750	ug/L	100
71) Naphthalene	14.092	128	191305	5.242	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	90363	5.367	ug/L	98

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

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