Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092121\
Data File : VU044726.D
Acq On : 21 Sep 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005116

Manual Integrations APPROVED
MMDadoda
9/22/2021 9:57:10 AM

Quant Time: Sep 22 01:29:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 21 02:46:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	120871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	60771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33429	4.687	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.800%			
7) Chloroethane-d5	1.919	69	29460	4.048	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.000%			
11) 1,1-Dichloroethene-d2	2.575	65	15027	4.172	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.400%			
20) 2-Butanone-d5	4.642	46	138677m	46.386	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.780%			
24) Chloroform-d	5.073	84	69647	4.643	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	5.710	65	41339	4.622	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
32) Benzene-d6	5.735	84	129446	4.194	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.800%			
36) 1,2-Dichloropropane-d6	6.697	67	44666	4.407	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.903	98	114104	4.247	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	8.186	79	17144	4.798	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.000%			
46) 2-Hexanone-d5	8.645	63	104829	45.649	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.300%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	42684	4.749	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	41857	4.174	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	44983	4.667	ug/L	98
3) Chloromethane	1.523	50	55168	4.761	ug/L	99
5) Vinyl chloride	1.607	62	57157	4.836	ug/L	97
6) Bromomethane	1.861	94	28168	4.651	ug/L	97
8) Chloroethane	1.938	64	37841	5.023	ug/L	99
9) Trichlorofluoromethane	2.144	101	69490	5.221	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42809	5.240	ug/L	97
12) 1,1-Dichloroethene	2.588	96	38695	4.983	ug/L	89
13) Acetone	2.649	43	103792m	53.303	ug/L	
14) Carbon disulfide	2.800	76	102115	4.154	ug/L	98
15) Methyl Acetate	2.964	43	18274	5.198	ug/L	96
16) Methylene chloride	3.054	84	50703	4.106	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	110492	5.148	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	40700	4.931	ug/L	99
19) 1,1-Dichloroethane	3.880	63	89069	5.337	ug/L	99
21) 2-Butanone	4.723	43	172497m	53.056	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	45844	5.038	ug/L	99
23) Bromochloromethane	4.983	128	20125	5.220	ug/L	95
25) Chloroform	5.096	83	91908	5.168	ug/L	98

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 22 01:29:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.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	60973	5.237	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	70639	5.355	ug/L	99
30) Cyclohexane	5.395	56	68979	4.566	ug/L	100
31) Carbon tetrachloride	5.533	117	54353	5.265	ug/L	100
33) Benzene	5.780	78	187497	5.219	ug/L	100
34) Trichloroethene	6.549	95	45131	5.075	ug/L	97
35) Methylcyclohexane	6.771	83	66891	4.577	ug/L	99
37) 1,2-Dichloropropane	6.800	63	52821	5.487	ug/L	100
38) Bromodichloromethane	7.112	83	64244	5.504	ug/L	95
39) cis-1,3-Dichloropropene	7.613	75	68836	5.047	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	408432	54.508	ug/L	99
42) Toluene	7.977	91	192241	5.124	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	60783	5.223	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	37585	5.491	ug/L	99
47) Tetrachloroethene	8.559	164	29167	4.723	ug/L	96
48) 2-Hexanone	8.697	43	296974	53.247	ug/L	98
49) Dibromochloromethane	8.816	129	37878	5.267	ug/L	99
50) 1,2-Dibromoethane	8.931	107	33658	5.223	ug/L	99
51) Chlorobenzene	9.452	112	115528	4.967	ug/L	97
52) Ethylbenzene	9.575	91	199505	4.909	ug/L	99
53) m,p-Xylene	9.700	106	74274	4.806	ug/L	97
54) o-Xylene	10.105	106	74248	5.029	ug/L	97
55) Styrene	10.121	104	130109	5.035	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	50456	5.490	ug/L	99
59) Bromoform	10.298	173	19912	5.272	ug/L	100
60) Isopropylbenzene	10.491	105	195512	5.140	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	37275	5.551	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	156437	4.952	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	161435	4.976	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	89040	5.020	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	89754	4.905	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	87338	5.188	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	7921	5.364	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	61155	4.535	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	48339	4.250	ug/L	100
71) Naphthalene	14.092	128	89797	4.047	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	46172	4.410	ug/L	99

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

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