Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
Data File : VU044624.D
Acq On : 14 Sep 2021 11:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005106

Manual Integrations APPROVED
MMDadoda
9/15/2021 9:54:38 AM

Quant Time: Sep 15 01:32:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 11 00:26:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	137680	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	140002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	72245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36266	4.464	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.200%			
7) Chloroethane-d5	1.919	69	37768	4.556	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.575	65	18566	4.525	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.400%			
20) 2-Butanone-d5	4.642	46	166749m	48.966	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.940%			
24) Chloroform-d	5.073	84	80894	4.734	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	5.710	65	48892	4.799	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.735	84	166194	4.656	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
36) 1,2-Dichloropropane-d6	6.697	67	54554	4.653	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.902	98	143570	4.620	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	8.185	79	19279	4.665	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.642	63	126813	47.746	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.500%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	48817	4.696	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	52175	4.377	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	58533	5.331	ug/L	99
3) Chloromethane	1.520	50	71600	5.425	ug/L	100
5) Vinyl chloride	1.607	62	74235	5.514	ug/L	100
6) Bromomethane	1.861	94	36001	5.218	ug/L	98
8) Chloroethane	1.938	64	45574	5.311	ug/L	100
9) Trichlorofluoromethane	2.144	101	83973	5.539	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	51333	5.516	ug/L	99
12) 1,1-Dichloroethene	2.588	96	48336	5.465	ug/L	91
13) Acetone	2.649	43	116725m	52.627	ug/L	
14) Carbon disulfide	2.800	76	146941	5.247	ug/L	100
15) Methyl Acetate	2.961	43	19505	4.870	ug/L	100
16) Methylene chloride	3.054	84	59779	4.250	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	129534	5.298	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	50318	5.352	ug/L	99
19) 1,1-Dichloroethane	3.880	63	104439	5.494	ug/L	99
21) 2-Butanone	4.723	43	194828	52.608	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	56392	5.440	ug/L	99
23) Bromochloromethane	4.983	128	24444	5.567	ug/L	96
25) Chloroform	5.096	83	111915	5.525	ug/L	94

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Acq On : 14 Sep 2021 11:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 01:32:29 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	72243	5.447	ug/L		97
29) 1,1,1-Trichloroethane	5.324	97	83742	5.489	ug/L		99
30) Cyclohexane	5.398	56	90253	5.166	ug/L		99
31) Carbon tetrachloride	5.533	117	64349	5.390	ug/L		100
33) Benzene	5.780	78	229017	5.512	ug/L		100
34) Trichloroethene	6.549	95	55485	5.394	ug/L		99
35) Methylcyclohexane	6.767	83	87107	5.153	ug/L		99
37) 1,2-Dichloropropane	6.796	63	61101	5.488	ug/L		100
38) Bromodichloromethane	7.112	83	73369	5.435	ug/L		98
39) cis-1,3-Dichloropropene	7.613	75	82384	5.223	ug/L		97
40) 4-Methyl-2-pentanone	7.800	43	460692	53.158	ug/L		100
42) Toluene	7.976	91	239419	5.517	ug/L		100
44) trans-1,3-Dichloropropene	8.218	75	73343	5.449	ug/L		99
45) 1,1,2-Trichloroethane	8.407	97	42577	5.378	ug/L		99
47) Tetrachloroethene	8.558	164	38534	5.395	ug/L		98
48) 2-Hexanone	8.693	43	336146	52.110	ug/L		99
49) Dibromochloromethane	8.816	129	46457	5.586	ug/L		100
50) 1,2-Dibromoethane	8.928	107	40042	5.373	ug/L	#	97
51) Chlorobenzene	9.452	112	144753	5.380	ug/L		99
52) Ethylbenzene	9.574	91	249696	5.312	ug/L		100
53) m,p-Xylene	9.700	106	97261	5.442	ug/L		100
54) o-Xylene	10.105	106	92889	5.440	ug/L		98
55) Styrene	10.118	104	165756	5.546	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.787	83	57493	5.409	ug/L		99
59) Bromoform	10.295	173	24955	5.558	ug/L		98
60) Isopropylbenzene	10.488	105	245473	5.428	ug/L		100
61) 1,2,3-Trichloropropane	10.828	75	42298	5.299	ug/L		98
62) 1,3,5-Trimethylbenzene	11.092	105	202680	5.396	ug/L		100
63) 1,2,4-Trimethylbenzene	11.471	105	209203	5.424	ug/L		100
64) 1,3-Dichlorobenzene	11.751	146	113644	5.390	ug/L		99
65) 1,4-Dichlorobenzene	11.841	146	116443	5.353	ug/L		98
67) 1,2-Dichlorobenzene	12.217	146	107815	5.387	ug/L		99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8974	5.112	ug/L		91
69) 1,3,5-Trichlorobenzene	13.224	180	81926	5.111	ug/L		99
70) 1,2,4-trichlorobenzene	13.844	180	67668	5.005	ug/L		99
71) Naphthalene	14.092	128	116050	4.399	ug/L		100
72) 1,2,3-Trichlorobenzene	14.333	180	60893	4.893	ug/L		99

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

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