Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091721\
Data File : VU044677.D
Acq On : 17 Sep 2021 10:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005112

Manual Integrations APPROVED
SAM
9/18/2021 11:23:45 AM

Quant Time: Sep 18 01:24:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 17 02:59:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	124620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	127653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	61671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27483	3.738	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.800%			
7) Chloroethane-d5	1.919	69	31159	4.152	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.000%			
11) 1,1-Dichloroethene-d2	2.571	65	14884	4.008	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.200%			
20) 2-Butanone-d5	4.642	46	163140	52.927	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.860%			
24) Chloroform-d	5.073	84	75803	4.901	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
26) 1,2-Dichloroethane-d4	5.710	65	43738	4.743	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
32) Benzene-d6	5.735	84	137985	4.239	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	6.697	67	48194	4.509	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.200%			
41) Toluene-d8	7.902	98	117531	4.148	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.000%			
43) trans-1,3-Dichloroprop...	8.185	79	15755	4.181	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.600%			
46) 2-Hexanone-d5	8.645	63	119871	49.498	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.000%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44543	4.700	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	43437	4.268	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	51833	5.216	ug/L	99
3) Chloromethane	1.520	50	64936	5.435	ug/L	100
5) Vinyl chloride	1.607	62	65638	5.387	ug/L	97
6) Bromomethane	1.861	94	31918	5.111	ug/L	97
8) Chloroethane	1.938	64	41988	5.406	ug/L	100
9) Trichlorofluoromethane	2.144	101	75835	5.527	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	46391	5.507	ug/L	98
12) 1,1-Dichloroethene	2.587	96	43809	5.472	ug/L	88
13) Acetone	2.649	43	109353m	54.470	ug/L	
14) Carbon disulfide	2.800	76	124907	4.928	ug/L	100
15) Methyl Acetate	2.964	43	16948	4.675	ug/L	99
16) Methylene chloride	3.054	84	56695	4.453	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	119752	5.411	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	46182	5.426	ug/L	99
19) 1,1-Dichloroethane	3.877	63	97581	5.671	ug/L	99
21) 2-Butanone	4.722	43	183808m	54.834	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	51094	5.446	ug/L	99
23) Bromochloromethane	4.983	128	22222	5.591	ug/L	96
25) Chloroform	5.095	83	97631	5.325	ug/L	98

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD005112

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Quant Time: Sep 18 01:24:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 17 02:59:59 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	66792	5.564	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	76598	5.507	ug/L	99
30) Cyclohexane	5.398	56	81262	5.101	ug/L	98
31) Carbon tetrachloride	5.533	117	57780	5.308	ug/L	100
33) Benzene	5.780	78	208892	5.514	ug/L	100
34) Trichloroethene	6.549	95	49685	5.298	ug/L	98
35) Methylcyclohexane	6.771	83	76114	4.938	ug/L	97
37) 1,2-Dichloropropane	6.796	63	58435	5.756	ug/L	99
38) Bromodichloromethane	7.111	83	68334	5.551	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	73783	5.130	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	431781	54.642	ug/L	99
42) Toluene	7.976	91	214917	5.432	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	64219	5.233	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	39671	5.496	ug/L	99
47) Tetrachloroethene	8.558	164	33585	5.157	ug/L	99
48) 2-Hexanone	8.697	43	314051	53.395	ug/L	99
49) Dibromochloromethane	8.816	129	40803	5.380	ug/L	98
50) 1,2-Dibromoethane	8.928	107	36624	5.389	ug/L	99
51) Chlorobenzene	9.452	112	126537	5.158	ug/L	98
52) Ethylbenzene	9.574	91	222951	5.202	ug/L	98
53) m,p-Xylene	9.700	106	83872	5.146	ug/L	98
54) o-Xylene	10.105	106	81979	5.266	ug/L	99
55) Styrene	10.118	104	145632	5.344	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	53256	5.495	ug/L	98
59) Bromoform	10.298	173	20706	5.402	ug/L	99
60) Isopropylbenzene	10.488	105	217080	5.623	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	39148	5.745	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	175454	5.473	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	180427	5.480	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	96121	5.340	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	96482	5.196	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	92656	5.423	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8047	5.370	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	67113	4.905	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	51920	4.498	ug/L	99
71) Naphthalene	14.092	128	96172	4.271	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	49830	4.690	ug/L	99

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

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