Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091721\
Data File : VU044700.D
Acq On : 17 Sep 2021 21:09
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005113

Manual Integrations APPROVED
SAM
9/18/2021 11:23:34 AM

Quant Time: Sep 18 01:36:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 18 01:28:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	121525	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	122695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	60218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23598	3.291	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.800%			
7) Chloroethane-d5	1.919	69	27558	3.766	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.400%			
11) 1,1-Dichloroethene-d2	2.572	65	13546	3.740	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.800%			
20) 2-Butanone-d5	4.642	46	167359m	55.679	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.360%			
24) Chloroform-d	5.073	84	72986	4.839	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	5.710	65	41141	4.575	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.732	84	129528	4.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.800%			
36) 1,2-Dichloropropane-d6	6.697	67	46168	4.494	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.800%			
41) Toluene-d8	7.903	98	108147	3.971	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.400%			
43) trans-1,3-Dichloroprop...	8.186	79	14632	4.040	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.800%			
46) 2-Hexanone-d5	8.642	63	122578	52.661	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.320%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44569	4.892	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	12.198	152	40826	4.109	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	48793	5.035	ug/L	100
3) Chloromethane	1.520	50	63443	5.446	ug/L	99
5) Vinyl chloride	1.607	62	64870	5.459	ug/L	100
6) Bromomethane	1.861	94	32178	5.284	ug/L	97
8) Chloroethane	1.938	64	41651	5.499	ug/L	99
9) Trichlorofluoromethane	2.144	101	74297	5.552	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	45040	5.483	ug/L	98
12) 1,1-Dichloroethene	2.588	96	42138	5.397	ug/L	86
13) Acetone	2.649	43	106175m	54.234	ug/L	
14) Carbon disulfide	2.800	76	118740	4.804	ug/L	99
15) Methyl Acetate	2.964	43	20726	5.863	ug/L	95
16) Methylene chloride	3.054	84	61302	4.938	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	120390	5.579	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	44328	5.341	ug/L	97
19) 1,1-Dichloroethane	3.880	63	97559	5.814	ug/L	99
21) 2-Butanone	4.723	43	185358	56.705	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	49067	5.363	ug/L	94
23) Bromochloromethane	4.983	128	21757	5.613	ug/L	95
25) Chloroform	5.096	83	96461	5.395	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	66126	5.649	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	74705	5.588	ug/L	99
30) Cyclohexane	5.395	56	81256	5.307	ug/L	97
31) Carbon tetrachloride	5.533	117	56544	5.404	ug/L	100
33) Benzene	5.781	78	205744	5.650	ug/L	100
34) Trichloroethene	6.546	95	47470	5.266	ug/L	99
35) Methylcyclohexane	6.768	83	73759	4.979	ug/L	98
37) 1,2-Dichloropropane	6.797	63	57908	5.935	ug/L	99
38) Bromodichloromethane	7.112	83	67515	5.707	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	71380	5.163	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	449105	59.131	ug/L	99
42) Toluene	7.973	91	211215	5.554	ug/L	100
44) trans-1,3-Dichloropropene	8.215	75	61707	5.231	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	40290	5.807	ug/L	98
47) Tetrachloroethene	8.559	164	32492	5.191	ug/L	98
48) 2-Hexanone	8.694	43	328146	58.046	ug/L	98
49) Dibromochloromethane	8.816	129	40111	5.503	ug/L	98
50) 1,2-Dibromoethane	8.928	107	36378	5.569	ug/L	98
51) Chlorobenzene	9.452	112	123449	5.236	ug/L	98
52) Ethylbenzene	9.575	91	219009	5.316	ug/L	99
53) m,p-Xylene	9.697	106	81962	5.232	ug/L	98
54) o-Xylene	10.105	106	79875	5.338	ug/L	99
55) Styrene	10.118	104	142704	5.448	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	53770	5.772	ug/L	99
59) Bromoform	10.295	173	20620	5.509	ug/L	98
60) Isopropylbenzene	10.488	105	211253	5.604	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	40715	6.119	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	168653	5.387	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	174721	5.435	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	94133	5.356	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	94433	5.208	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	92571	5.549	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8085	5.525	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	64254	4.809	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	52486	4.657	ug/L	99
71) Naphthalene	14.089	128	102522	4.663	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	50272	4.846	ug/L	99

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

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