Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
Data File : VU044458.D
Acq On : 18 Aug 2021 20:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

Manual Integrations APPROVED
MMDadoda
8/19/2021 3:31:48 PM

Quant Time: Aug 19 04:06:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 19 03:54:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	122025	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	122763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	61206	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43640	4.422	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.400%			
7) Chloroethane-d5	1.916	69	38650	4.506	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.572	65	19184	4.570	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.400%			
20) 2-Butanone-d5	4.639	46	131837m	48.303	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.600%			
24) Chloroform-d	5.070	84	82651	4.736	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.710	65	43446	4.565	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.736	84	162934	4.713	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
36) 1,2-Dichloropropane-d6	6.697	67	51494	4.656	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.903	98	143853	4.693	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.800%			
43) trans-1,3-Dichloroprop...	8.186	79	18254	4.596	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.642	63	107511	50.057	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.120%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43734	4.695	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	49364	4.774	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	62546	4.984	ug/L	98
3) Chloromethane	1.520	50	76715	4.666	ug/L	99
5) Vinyl chloride	1.607	62	76973	5.065	ug/L	99
6) Bromomethane	1.861	94	43302	5.242	ug/L	98
8) Chloroethane	1.938	64	46952	5.054	ug/L	97
9) Trichlorofluoromethane	2.141	101	88168	5.074	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	48694	5.093	ug/L	98
12) 1,1-Dichloroethene	2.585	96	47481	5.063	ug/L	96
13) Acetone	2.646	43	97607m	43.067	ug/L	
14) Carbon disulfide	2.800	76	151082	4.967	ug/L	100
15) Methyl Acetate	2.961	43	15982	4.317	ug/L #	87
16) Methylene chloride	3.051	84	63304	4.543	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	123687	5.100	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	50137	5.131	ug/L	99
19) 1,1-Dichloroethane	3.877	63	96629	5.101	ug/L	96
21) 2-Butanone	4.719	43	169371m	52.441	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	53969	5.166	ug/L	99
23) Bromochloromethane	4.983	128	23640	5.133	ug/L	97
25) Chloroform	5.096	83	98108	5.048	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 19 03:54:51 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	68487	5.283	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	79306	5.161	ug/L	98
30) Cyclohexane	5.395	56	87764	5.167	ug/L	99
31) Carbon tetrachloride	5.533	117	64013	5.070	ug/L	99
33) Benzene	5.781	78	217554	5.223	ug/L	100
34) Trichloroethene	6.549	95	53885	5.233	ug/L	98
35) Methylcyclohexane	6.768	83	87168	5.076	ug/L	99
37) 1,2-Dichloropropane	6.797	63	56771	5.205	ug/L	99
38) Bromodichloromethane	7.112	83	69544	5.193	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	76236	4.984	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	398502	53.814	ug/L	99
42) Toluene	7.973	91	226617	5.223	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	66034	5.094	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	41161	5.292	ug/L	95
47) Tetrachloroethene	8.559	164	36120	5.073	ug/L	98
48) 2-Hexanone	8.694	43	286799	54.277	ug/L	99
49) Dibromochloromethane	8.816	129	42692	5.187	ug/L	99
50) 1,2-Dibromoethane	8.928	107	38802	5.216	ug/L	98
51) Chlorobenzene	9.452	112	137432	5.162	ug/L	99
52) Ethylbenzene	9.575	91	236790	5.167	ug/L	100
53) m,p-Xylene	9.697	106	91541	5.313	ug/L	100
54) o-Xylene	10.105	106	88327	5.263	ug/L	100
55) Styrene	10.118	104	153649	5.584	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	53495	5.224	ug/L	99
59) Bromoform	10.298	173	21891	5.062	ug/L	99
60) Isopropylbenzene	10.488	105	232528	5.206	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	39517	5.167	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	190105	5.205	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	197553	5.275	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	100334	5.115	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	100878	5.091	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	97009	5.189	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	7842	5.012	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	68445	4.956	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	54415	5.028	ug/L	99
71) Naphthalene	14.092	128	105786	5.126	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	51342	5.181	ug/L	99

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

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