Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091021\
Data File : VU044622.D
Acq On : 10 Sep 2021 14:50
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

Manual Integrations APPROVED
MMDadoda
9/13/2021 4:30:41 PM

Quant Time: Sep 11 00:27:08 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	142664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	143641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	74880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39975	4.749	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.000%			
7) Chloroethane-d5	1.919	69	40785	4.748	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.000%			
11) 1,1-Dichloroethene-d2	2.572	65	20065	4.719	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.400%			
20) 2-Butanone-d5	4.642	46	177357m	50.262	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.520%			
24) Chloroform-d	5.070	84	89173	5.036	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
26) 1,2-Dichloroethane-d4	5.710	65	52160	4.940	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.800%			
32) Benzene-d6	5.736	84	180326	4.924	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
36) 1,2-Dichloropropane-d6	6.697	67	59325	4.932	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.903	98	157866	4.951	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
43) trans-1,3-Dichloroprop...	8.186	79	20659	4.872	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.400%			
46) 2-Hexanone-d5	8.642	63	138493	50.822	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.640%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	52648	4.937	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	12.198	152	57875	4.684	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	61333	5.391	ug/L	99
3) Chloromethane	1.520	50	74611	5.455	ug/L	99
5) Vinyl chloride	1.607	62	76455	5.481	ug/L	98
6) Bromomethane	1.861	94	38247	5.350	ug/L	100
8) Chloroethane	1.938	64	47331	5.323	ug/L	100
9) Trichlorofluoromethane	2.144	101	87996	5.602	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53824	5.582	ug/L	100
12) 1,1-Dichloroethene	2.588	96	49558	5.407	ug/L	91
13) Acetone	2.646	43	127952m	55.673	ug/L	
14) Carbon disulfide	2.800	76	153951	5.306	ug/L	100
15) Methyl Acetate	2.961	43	21379	5.152	ug/L	96
16) Methylene chloride	3.054	84	109442	7.509	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	138783	5.478	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	53731	5.515	ug/L	98
19) 1,1-Dichloroethane	3.877	63	108536	5.510	ug/L	100
21) 2-Butanone	4.719	43	206111	53.711	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	60030	5.589	ug/L	98
23) Bromochloromethane	4.983	128	25785	5.667	ug/L	92
25) Chloroform	5.096	83	114768	5.468	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	76030	5.532	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	90045	5.753	ug/L	99
30) Cyclohexane	5.398	56	96553	5.386	ug/L	100
31) Carbon tetrachloride	5.533	117	67079	5.476	ug/L	99
33) Benzene	5.781	78	239429	5.616	ug/L	100
34) Trichloroethene	6.549	95	59237	5.613	ug/L	99
35) Methylcyclohexane	6.771	83	94866	5.470	ug/L	98
37) 1,2-Dichloropropane	6.797	63	64389	5.637	ug/L	99
38) Bromodichloromethane	7.112	83	75957	5.484	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	88520	5.470	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	493321	55.481	ug/L	100
42) Toluene	7.977	91	250615	5.629	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	76322	5.527	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	46214	5.690	ug/L	98
47) Tetrachloroethene	8.559	164	41234	5.627	ug/L	97
48) 2-Hexanone	8.694	43	363578	54.935	ug/L	99
49) Dibromochloromethane	8.816	129	48509	5.685	ug/L	99
50) 1,2-Dibromoethane	8.928	107	43357	5.670	ug/L	99
51) Chlorobenzene	9.452	112	152227	5.515	ug/L	99
52) Ethylbenzene	9.575	91	267898	5.555	ug/L	100
53) m,p-Xylene	9.700	106	101630	5.542	ug/L	97
54) o-Xylene	10.105	106	98482	5.622	ug/L	100
55) Styrene	10.118	104	174664	5.696	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	59904	5.493	ug/L	97
59) Bromoform	10.298	173	25891	5.563	ug/L	99
60) Isopropylbenzene	10.488	105	261592	5.581	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	45166	5.459	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	216574	5.564	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	222757	5.572	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	118371	5.416	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	119788	5.313	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	114680	5.528	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	9599	5.275	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	87594	5.272	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	71901	5.131	ug/L	100
71) Naphthalene	14.092	128	128247	4.690	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	66723	5.172	ug/L	98

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

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