Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
Data File : VU050330.D
Acq On : 13 Aug 2022 19:56
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005162

Quant Time: Aug 14 01:29:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Aug 14 01:24:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88624	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42109	5.710	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.200%			
7) Chloroethane-d5	1.906	69	34425	5.785	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.800%			
11) 1,1-Dichloroethene-d2	2.565	65	15087	5.234	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.600%			
20) 2-Butanone-d5	4.623	46	105398	58.602	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.200%			
24) Chloroform-d	5.063	84	75959	5.537	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.800%			
26) 1,2-Dichloroethane-d4	5.700	65	38755	5.502	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
32) Benzene-d6	5.726	84	146081	5.356	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.200%			
36) 1,2-Dichloropropane-d6	6.690	67	48533	5.404	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.000%			
41) Toluene-d8	7.899	98	130007	5.397	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.000%			
43) trans-1,3-Dichloroprop...	8.179	79	17485	5.433	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.600%			
46) 2-Hexanone-d5	8.632	63	68331	59.868	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.740%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	42921	5.442	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	41253	5.187	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	36551	4.498	ug/L	99
3) Chloromethane	1.520	50	49989	4.703	ug/L	99
5) Vinyl chloride	1.604	62	50055	5.257	ug/L	99
6) Bromomethane	1.851	94	21791	3.585	ug/L	96
8) Chloroethane	1.928	64	29793	5.310	ug/L	100
9) Trichlorofluoromethane	2.134	101	53015	5.084	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	29290	5.050	ug/L	97
12) 1,1-Dichloroethene	2.578	96	30108	4.915	ug/L	92
13) Acetone	2.629	43	63139	63.036	ug/L	92
14) Carbon disulfide	2.790	76	101055	4.619	ug/L	99
15) Methyl Acetate	2.951	43	16347	5.977	ug/L	95
16) Methylene chloride	3.044	84	45396	4.850	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	82187	5.141	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	34161	4.980	ug/L	96
19) 1,1-Dichloroethane	3.871	63	69543	5.354	ug/L	100
21) 2-Butanone	4.703	43	107777	59.838	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	41236	5.416	ug/L	99
23) Bromochloromethane	4.973	128	19336	5.314	ug/L	97
25) Chloroform	5.089	83	73687	5.321	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	45545	5.404	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	55539	5.180	ug/L	98
30) Cyclohexane	5.388	56	40929	4.381	ug/L	99
31) Carbon tetrachloride	5.523	117	45026	5.123	ug/L	99
33) Benzene	5.774	78	157927	5.157	ug/L	100
34) Trichloroethene	6.539	95	36881	4.980	ug/L	93
35) Methylcyclohexane	6.764	83	41118	4.301	ug/L	96
37) 1,2-Dichloropropane	6.790	63	43380	5.318	ug/L	100
38) Bromodichloromethane	7.105	83	52699	5.319	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	51361	4.825	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	257852	54.578	ug/L	98
42) Toluene	7.970	91	160400	5.223	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	45874	5.025	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	32815	5.382	ug/L	97
47) Tetrachloroethene	8.552	164	25768	4.856	ug/L	98
48) 2-Hexanone	8.684	43	196064	53.656	ug/L	97
49) Dibromochloromethane	8.809	129	35525	5.264	ug/L	97
50) 1,2-Dibromoethane	8.925	107	29314	5.302	ug/L	98
51) Chlorobenzene	9.446	112	94222	4.876	ug/L	97
52) Ethylbenzene	9.571	91	140985	4.704	ug/L	100
53) m,p-Xylene	9.693	106	54742	4.960	ug/L	100
54) o-Xylene	10.099	106	54747	4.969	ug/L	98
55) Styrene	10.115	104	90842	4.936	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	42361	5.287	ug/L	99
59) Bromoform	10.291	173	20059	4.928	ug/L	97
60) Isopropylbenzene	10.484	105	131375	4.846	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	29066	5.257	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	34657	4.525	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	96096	4.605	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	67190	4.918	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	64501	4.852	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	66868	5.054	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5979	5.515	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	44934	4.617	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	34849	4.726	ug/L	100
71) Naphthalene	14.086	128	66784	4.416	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	36392	4.868	ug/L	99

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

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