Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
Data File : VU050206.D
Acq On : 10 Aug 2022 02:27
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

Quant Time: Aug 10 06:36:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 10 05:49:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	38269	5.413	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.200%			
7) Chloroethane-d5	1.906	69	33990	5.959	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 119.200%			
11) 1,1-Dichloroethene-d2	2.562	65	15186	5.496	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 110.000%			
20) 2-Butanone-d5	4.626	46	109357	63.427	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.860%			
24) Chloroform-d	5.063	84	77468	5.891	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.800%			
26) 1,2-Dichloroethane-d4	5.703	65	38232	5.662	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.200%			
32) Benzene-d6	5.726	84	148859	5.514	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.200%			
36) 1,2-Dichloropropane-d6	6.690	67	49825	5.605	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.000%			
41) Toluene-d8	7.899	98	133226	5.588	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.800%			
43) trans-1,3-Dichloroprop...	8.179	79	15412	4.838	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.800%			
46) 2-Hexanone-d5	8.632	63	80721	71.456	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 142.920%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42855	5.490	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.800%			
66) 1,2-Dichlorobenzene-d4	12.195	152	43180	5.387	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	37650	4.834	ug/L	98
3) Chloromethane	1.517	50	47950	4.706	ug/L	99
5) Vinyl chloride	1.601	62	45036	4.934	ug/L	99
6) Bromomethane	1.851	94	18110	3.108	ug/L	98
8) Chloroethane	1.929	64	27955	5.198	ug/L	98
9) Trichlorofluoromethane	2.134	101	50789	5.081	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	28217	5.075	ug/L	96
12) 1,1-Dichloroethene	2.575	96	29479	5.020	ug/L	90
13) Acetone	2.630	43	57751	60.146	ug/L	91
14) Carbon disulfide	2.790	76	106013	5.054	ug/L	99
15) Methyl Acetate	2.951	43	15746	6.006	ug/L	92
16) Methylene chloride	3.044	84	43931	4.896	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	76310	4.979	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	31969	4.862	ug/L	97
19) 1,1-Dichloroethane	3.867	63	64285	5.163	ug/L	99
21) 2-Butanone	4.703	43	97913	56.708	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	38176	5.231	ug/L	98
23) Bromochloromethane	4.973	128	18014	5.164	ug/L	95
25) Chloroform	5.089	83	68332	5.148	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	42484	5.259	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	52785	4.974	ug/L	99
30) Cyclohexane	5.388	56	42015	4.544	ug/L	98
31) Carbon tetrachloride	5.523	117	41779	4.803	ug/L	96
33) Benzene	5.774	78	146484	4.833	ug/L	100
34) Trichloroethene	6.543	95	34746	4.740	ug/L	98
35) Methylcyclohexane	6.764	83	40741	4.305	ug/L	97
37) 1,2-Dichloropropane	6.790	63	41432	5.132	ug/L	99
38) Bromodichloromethane	7.105	83	49527	5.050	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	45016	4.273	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	234859	50.226	ug/L	99
42) Toluene	7.970	91	152014	5.001	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	40006	4.427	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	30148	4.996	ug/L	96
47) Tetrachloroethene	8.555	164	24517	4.668	ug/L	93
48) 2-Hexanone	8.684	43	179783	49.710	ug/L	97
49) Dibromochloromethane	8.813	129	33182	4.968	ug/L	100
50) 1,2-Dibromoethane	8.925	107	27968	5.111	ug/L	96
51) Chlorobenzene	9.446	112	90401	4.727	ug/L	97
52) Ethylbenzene	9.571	91	138648	4.674	ug/L	99
53) m,p-Xylene	9.694	106	52739	4.828	ug/L	98
54) o-Xylene	10.102	106	52638	4.827	ug/L	100
55) Styrene	10.115	104	88647	4.866	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	39796	5.018	ug/L	99
59) Bromoform	10.292	173	18828	4.589	ug/L	98
60) Isopropylbenzene	10.484	105	129737	4.748	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	27264	4.892	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	33210	4.302	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	94565	4.496	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	64868	4.710	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	64335	4.801	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	64091	4.806	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5790	5.299	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	43598	4.444	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34831	4.686	ug/L	99
71) Naphthalene	14.086	128	67558	4.432	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	36972	4.907	ug/L	100

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

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