Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
Data File : VU050063.D
Acq On : 04 Aug 2022 14:00
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Quant Time: Aug 05 04:44:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 05 04:40:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89968	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39160	5.230	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.600%			
7) Chloroethane-d5	1.912	69	32356	5.356	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.200%			
11) 1,1-Dichloroethene-d2	2.562	65	14755	5.042	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.800%			
20) 2-Butanone-d5	4.642	46	110793	60.681	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.360%			
24) Chloroform-d	5.063	84	74508	5.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.000%			
26) 1,2-Dichloroethane-d4	5.703	65	37457	5.238	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.800%			
32) Benzene-d6	5.729	84	145866	5.215	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.400%			
36) 1,2-Dichloropropane-d6	6.694	67	48535	5.270	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.400%			
41) Toluene-d8	7.899	98	131222	5.312	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
43) trans-1,3-Dichloroprop...	8.179	79	18144	5.497	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.000%			
46) 2-Hexanone-d5	8.639	63	65529	55.989	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.980%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42488	5.253	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.000%			
66) 1,2-Dichlorobenzene-d4	12.195	152	43246	5.278	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	40158	4.869	ug/L	100
3) Chloromethane	1.520	50	55289	5.124	ug/L	99
5) Vinyl chloride	1.601	62	49846	5.157	ug/L	98
6) Bromomethane	1.858	94	31978	5.183	ug/L	96
8) Chloroethane	1.932	64	28514	5.007	ug/L	99
9) Trichlorofluoromethane	2.134	101	53475	5.052	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	27762	4.715	ug/L	100
12) 1,1-Dichloroethene	2.575	96	30415	4.891	ug/L	96
13) Acetone	2.649	43	50383	49.550	ug/L	91
14) Carbon disulfide	2.787	76	109990	4.952	ug/L	99
15) Methyl Acetate	2.961	43	15782	5.685	ug/L	91
16) Methylene chloride	3.041	84	46345	4.877	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	88862	5.475	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	36996	5.313	ug/L	97
19) 1,1-Dichloroethane	3.867	63	69939	5.304	ug/L	98
21) 2-Butanone	4.723	43	114641	62.698	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	41280	5.341	ug/L	97
23) Bromochloromethane	4.977	128	20243	5.480	ug/L	99
25) Chloroform	5.089	83	73846	5.253	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Quant Time: Aug 05 04:44:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	46268	5.408	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	56086	5.101	ug/L	99
30) Cyclohexane	5.388	56	47006	4.907	ug/L	99
31) Carbon tetrachloride	5.523	117	45742	5.075	ug/L	98
33) Benzene	5.774	78	162539	5.176	ug/L	100
34) Trichloroethene	6.542	95	39233	5.166	ug/L	96
35) Methylcyclohexane	6.764	83	46580	4.751	ug/L	99
37) 1,2-Dichloropropane	6.793	63	44532	5.324	ug/L	99
38) Bromodichloromethane	7.108	83	54034	5.318	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	59291	5.432	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	263777	54.447	ug/L	99
42) Toluene	7.970	91	167362	5.314	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	50822	5.429	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	32703	5.231	ug/L	96
47) Tetrachloroethene	8.552	164	27256	5.009	ug/L	98
48) 2-Hexanone	8.690	43	202252	53.977	ug/L	98
49) Dibromochloromethane	8.809	129	36629	5.293	ug/L	100
50) 1,2-Dibromoethane	8.925	107	30926	5.455	ug/L	100
51) Chlorobenzene	9.449	112	102664	5.181	ug/L	98
52) Ethylbenzene	9.571	91	156384	5.089	ug/L	100
53) m,p-Xylene	9.693	106	60819	5.374	ug/L	97
54) o-Xylene	10.102	106	61036	5.403	ug/L	100
55) Styrene	10.115	104	104950	5.561	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	43157	5.253	ug/L	97
59) Bromoform	10.291	173	20649	4.923	ug/L	95
60) Isopropylbenzene	10.484	105	143826	5.150	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	29617	5.199	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	39654	5.025	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	110230	5.127	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	71810	5.101	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	71639	5.230	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	71705	5.260	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6347	5.682	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	50556	5.041	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	41295	5.435	ug/L	99
71) Naphthalene	14.089	128	84920	5.451	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42532	5.522	ug/L	98

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

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

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