Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
Data File : VU050311.D
Acq On : 13 Aug 2022 10:37
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005161

Quant Time: Aug 14 01:18:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 01:20:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101558	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	98396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31436	3.720	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.400%			
7) Chloroethane-d5	1.912	69	30778	4.514	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.562	65	12347	3.738	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.800%			
20) 2-Butanone-d5	4.642	46	109794	53.271	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.540%			
24) Chloroform-d	5.063	84	73273	4.661	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.703	65	36891	4.570	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.726	84	130389	4.246	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.000%			
36) 1,2-Dichloropropane-d6	6.690	67	45559	4.506	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.200%			
41) Toluene-d8	7.899	98	107812	3.975	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.600%			
43) trans-1,3-Dichloroprop...	8.179	79	15059	4.156	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.200%			
46) 2-Hexanone-d5	8.635	63	63694	49.570	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.140%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	41579	4.683	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.600%			
66) 1,2-Dichlorobenzene-d4	12.192	152	37607	4.088	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	52090	5.594	ug/L	99
3) Chloromethane	1.520	50	56507	4.640	ug/L	99
5) Vinyl chloride	1.600	62	56682	5.195	ug/L	100
6) Bromomethane	1.858	94	34916	5.013	ug/L	100
8) Chloroethane	1.932	64	36654m	5.701	ug/L	
9) Trichlorofluoromethane	2.137	101	71019	5.944	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	41933	6.309	ug/L	97
12) 1,1-Dichloroethene	2.575	96	38826	5.531	ug/L	87
13) Acetone	2.658	43	69812	60.822	ug/L	91
14) Carbon disulfide	2.790	76	124908	4.982	ug/L	99
15) Methyl Acetate	2.960	43	17566	5.605	ug/L	93
16) Methylene chloride	3.044	84	49892	4.651	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	89855	4.904	ug/L	98
18) trans-1,2-Dichloroethene	3.349	96	41626	5.296	ug/L	97
19) 1,1-Dichloroethane	3.867	63	79135	5.317	ug/L	99
21) 2-Butanone	4.719	43	115690	56.051	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	45818	5.252	ug/L	97
23) Bromochloromethane	4.973	128	20964	5.028	ug/L	97
25) Chloroform	5.089	83	83400	5.256	ug/L	98

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005161

Quant Time: Aug 14 01:18:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 01:20:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	48420	5.014	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	67867	5.622	ug/L	99
30) Cyclohexane	5.388	56	64347	6.119	ug/L	99
31) Carbon tetrachloride	5.523	117	57208	5.782	ug/L	100
33) Benzene	5.774	78	183597	5.325	ug/L	100
34) Trichloroethene	6.542	95	44549	5.343	ug/L	98
35) Methylcyclohexane	6.764	83	66904	6.216	ug/L	99
37) 1,2-Dichloropropane	6.793	63	48218	5.251	ug/L	100
38) Bromodichloromethane	7.105	83	59044	5.293	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	60902	5.082	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	267017	50.203	ug/L	99
42) Toluene	7.970	91	190919	5.522	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	52464	5.104	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	34305	4.998	ug/L	97
47) Tetrachloroethene	8.552	164	33310	5.576	ug/L	97
48) 2-Hexanone	8.687	43	203955	49.579	ug/L	99
49) Dibromochloromethane	8.809	129	39731	5.229	ug/L	96
50) 1,2-Dibromoethane	8.925	107	31959	5.135	ug/L	97
51) Chlorobenzene	9.446	112	113309	5.209	ug/L	96
52) Ethylbenzene	9.571	91	184849	5.479	ug/L	100
53) m,p-Xylene	9.693	106	71320	5.740	ug/L	98
54) o-Xylene	10.102	106	69464	5.601	ug/L	99
55) Styrene	10.115	104	111191	5.366	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	45780	5.075	ug/L	97
59) Bromoform	10.291	173	21817	4.634	ug/L	97
60) Isopropylbenzene	10.484	105	177403	5.658	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30030	4.695	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	48077	5.427	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	134045	5.554	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	82259	5.205	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	78400	5.098	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	79354	5.185	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	6093	4.859	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	59222	5.261	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	45214	5.301	ug/L	98
71) Naphthalene	14.085	128	81685	4.670	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	44268	5.120	ug/L	99

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

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Acq On : 13 Aug 2022 10:37
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005161

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