Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046975.D
Acq On : 01 Feb 2022 19:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

Quant Time: Feb 02 02:07:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 02 02:02:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	125640	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51892	5.566	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.400%			
7) Chloroethane-d5	1.919	69	39925	5.436	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.800%			
11) 1,1-Dichloroethene-d2	2.575	65	20278	5.468	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 109.400%			
20) 2-Butanone-d5	4.649	46	112347	40.680	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.360%			
24) Chloroform-d	5.070	84	82136	5.019	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
26) 1,2-Dichloroethane-d4	5.706	65	42951	4.819	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.732	84	160619	4.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	6.694	67	49710	4.484	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.600%			
41) Toluene-d8	7.899	98	145695	4.311	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	8.182	79	19819	4.070	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.400%			
46) 2-Hexanone-d5	8.636	63	108519	37.641	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.280%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46829	4.207	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.200%			
66) 1,2-Dichlorobenzene-d4	12.195	152	49243	3.854	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 77.000%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	49309	4.765	ug/L	98
3) Chloromethane	1.527	50	52976	6.216	ug/L	100
5) Vinyl chloride	1.607	62	51935	5.853	ug/L	100
6) Bromomethane	1.864	94	30842	5.556	ug/L	97
8) Chloroethane	1.941	64	31598	6.187	ug/L	97
9) Trichlorofluoromethane	2.147	101	62841	5.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35632	5.543	ug/L	98
12) 1,1-Dichloroethene	2.588	96	35079	5.710	ug/L	85
13) Acetone	2.665	43	56498	37.613	ug/L	95
14) Carbon disulfide	2.800	76	106002	5.254	ug/L	100
15) Methyl Acetate	2.967	43	13690	4.173	ug/L	98
16) Methylene chloride	3.054	84	40322	5.435	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	78873	4.576	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	34839	5.236	ug/L	93
19) 1,1-Dichloroethane	3.877	63	66550	5.958	ug/L	99
21) 2-Butanone	4.726	43	95812	39.662	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	36831	5.247	ug/L	100
23) Bromochloromethane	4.980	128	18661	5.404	ug/L	96
25) Chloroform	5.092	83	69985	3.947	ug/L	97

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

Quant Time: Feb 02 02:07:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 02 02:02:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	44431	5.678	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	56841	5.023	ug/L	99
30) Cyclohexane	5.395	56	47653	4.152	ug/L	99
31) Carbon tetrachloride	5.526	117	47779	4.921	ug/L	98
33) Benzene	5.777	78	148952	5.036	ug/L	100
34) Trichloroethene	6.546	95	36210	4.715	ug/L	97
35) Methylcyclohexane	6.767	83	48349	3.758	ug/L	97
37) 1,2-Dichloropropane	6.793	63	39700	5.471	ug/L	99
38) Bromodichloromethane	7.108	83	47994	4.596	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	49595	4.380	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	247441	46.513	ug/L	100
42) Toluene	7.973	91	158659	4.488	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	46060	4.566	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	31286	5.068	ug/L	98
47) Tetrachloroethene	8.555	164	27119	4.342	ug/L	95
48) 2-Hexanone	8.687	43	193369	48.156	ug/L	98
49) Dibromochloromethane	8.812	129	33825	4.645	ug/L	96
50) 1,2-Dibromoethane	8.925	107	29547	4.722	ug/L	100
51) Chlorobenzene	9.449	112	93813	4.569	ug/L	99
52) Ethylbenzene	9.571	91	148779	4.426	ug/L	100
53) m,p-Xylene	9.697	106	58068	4.333	ug/L	97
54) o-Xylene	10.102	106	54823	4.221	ug/L	92
55) Styrene	10.118	104	96183	4.527	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	40602	4.890	ug/L	93
59) Bromoform	10.291	173	18294	4.360	ug/L	98
60) Isopropylbenzene	10.484	105	141225	4.449	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29090	5.039	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	103803	3.984	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	106669	3.979	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	72133	4.547	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	72035	4.512	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	69124	4.505	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5603	4.676	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	50586	4.044	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	39423	3.770	ug/L	99
71) Naphthalene	14.086	128	75026	3.524	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40492	4.099	ug/L	97

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

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

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