Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024231.D
Acq On : 28 Dec 2021 20:22
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

Quant Time: Dec 29 05:07:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 29 04:43:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99232	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	105405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26872	3.600	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.000%			
7) Chloroethane-d5	1.568	69	25944	4.168	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.111	63	74770	4.122	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.400%			
20) 2-Butanone-d5	3.902	46	70457	84.981	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 169.960%#			
24) Chloroform-d	4.349	84	72482	4.575	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
26) 1,2-Dichloroethane-d4	5.034	65	35183	4.961	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.050	84	123638	4.344	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	6.072	67	34496	4.424	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.317	98	118845	4.236	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
43) trans-1,3-Dichloroprop...	7.622	79	13995	4.239	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.800%			
46) 2-Hexanone-d5	8.088	63	60264	54.287	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.580%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27799	5.222	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	49591	4.245	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	100038	4.361	ug/L	99
3) Chloromethane	1.240	50	73101	4.217	ug/L	97
5) Vinyl chloride	1.310	62	79148	4.462	ug/L	95
6) Bromomethane	1.523	94	34890	3.083	ug/L	97
8) Chloroethane	1.587	64	50523	4.899	ug/L	99
9) Trichlorofluoromethane	1.754	101	132846	4.607	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	62592	4.522	ug/L	98
12) 1,1-Dichloroethene	2.121	96	62458	4.584	ug/L	87
13) Acetone	2.191	43	87582	74.432	ug/L	75
14) Carbon disulfide	2.294	76	195677	4.444	ug/L	100
15) Methyl Acetate	2.439	43	19039	6.516	ug/L #	90
16) Methylene chloride	2.507	84	68585	4.709	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	137183	4.979	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	67310	4.652	ug/L	99
19) 1,1-Dichloroethane	3.188	63	111682	4.637	ug/L	99
21) 2-Butanone	3.979	43	115286	74.467	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	68891	4.811	ug/L	95
23) Bromochloromethane	4.246	128	32818	4.796	ug/L	88
25) Chloroform	4.375	83	127040	4.720	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.130	62	73717	4.893	ug/L		100
29) 1,1,1-Trichloroethane	4.606	97	119477	4.495	ug/L		100
30) Cyclohexane	4.677	56	84440	4.270	ug/L		96
31) Carbon tetrachloride	4.828	117	108177	4.388	ug/L		98
33) Benzene	5.098	78	254463	4.602	ug/L		100
34) Trichloroethene	5.912	95	67955	4.355	ug/L		95
35) Methylcyclohexane	6.133	83	97527	4.316	ug/L		96
37) 1,2-Dichloropropane	6.172	63	55250	4.333	ug/L		99
38) Bromodichloromethane	6.510	83	84335	4.616	ug/L		98
39) cis-1,3-Dichloropropene	7.027	75	80786	4.371	ug/L		98
40) 4-Methyl-2-pentanone	7.227	43	292041	47.922	ug/L	#	97
42) Toluene	7.387	91	287011	4.651	ug/L		96
44) trans-1,3-Dichloropropene	7.651	75	69868	4.427	ug/L		97
45) 1,1,2-Trichloroethane	7.838	97	43256	4.576	ug/L		99
47) Tetrachloroethene	7.976	164	60512	4.359	ug/L		97
48) 2-Hexanone	8.140	43	209457	46.962	ug/L		97
49) Dibromochloromethane	8.246	129	58178	4.576	ug/L		98
50) 1,2-Dibromoethane	8.352	107	42651	4.748	ug/L		99
51) Chlorobenzene	8.879	112	184611	4.515	ug/L		98
52) Ethylbenzene	9.011	91	291306	4.440	ug/L		99
53) m,p-xylene	9.136	106	119824	4.604	ug/L		99
54) o-xylene	9.545	106	117076	4.698	ug/L		97
55) Styrene	9.558	104	201997	4.811	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.239	83	46403	5.065	ug/L		99
59) Bromoform	9.731	173	30319	4.186	ug/L		98
60) Isopropylbenzene	9.931	105	304569	4.287	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	34778	4.374	ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	259363	4.330	ug/L		99
63) 1,2,4-Trimethylbenzene	10.915	105	269500	4.414	ug/L		99
64) 1,3-Dichlorobenzene	11.181	146	158194	4.297	ug/L		99
65) 1,4-Dichlorobenzene	11.271	146	157685	4.322	ug/L		100
67) 1,2-Dichlorobenzene	11.641	146	144041	4.323	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7623	4.445	ug/L	#	90
69) 1,3,5-Trichlorobenzene	12.644	180	125600	4.285	ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	98041	4.343	ug/L		98
71) Naphthalene	13.500	128	146940	4.384	ug/L		99
72) 1,2,3-Trichlorobenzene	13.744	180	89814	4.524	ug/L		99

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

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