Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024641.D
Acq On : 12 Feb 2022 06:45
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005307

Quant Time: Feb 12 07:12:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 12 07:08:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117422	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	121372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	62718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43889	4.459	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.200%			
7) Chloroethane-d5	1.571	69	40400	4.855	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.114	63	100188	4.653	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.000%			
20) 2-Butanone-d5	3.896	46	96397	58.996	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.000%			
24) Chloroform-d	4.352	84	90816	5.242	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.800%			
26) 1,2-Dichloroethane-d4	5.034	65	42683	5.430	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	5.053	84	175347	5.092	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
36) 1,2-Dichloropropane-d6	6.069	67	53981	5.040	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.800%			
41) Toluene-d8	7.314	98	160467	4.996	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
43) trans-1,3-Dichloroprop...	7.622	79	19554	4.521	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.400%			
46) 2-Hexanone-d5	8.085	63	85547	56.137	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.280%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35762	5.608	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	51446	5.089	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	78207	5.069	ug/L	100
3) Chloromethane	1.243	50	76299	5.025	ug/L	98
5) Vinyl chloride	1.314	62	81593	4.990	ug/L	98
6) Bromomethane	1.526	94	47671	4.736	ug/L	97
8) Chloroethane	1.587	64	54127	5.405	ug/L	97
9) Trichlorofluoromethane	1.757	101	115777	5.240	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60196	4.887	ug/L #	87
12) 1,1-Dichloroethene	2.121	96	61682	5.074	ug/L	98
13) Acetone	2.185	43	69534	53.925	ug/L	73
14) Carbon disulfide	2.298	76	180095	4.661	ug/L	100
15) Methyl Acetate	2.439	43	18045	4.894	ug/L	96
16) Methylene chloride	2.510	84	59558	4.945	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	128940	5.147	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	59585	4.989	ug/L	89
19) 1,1-Dichloroethane	3.192	63	111849	5.422	ug/L	98
21) 2-Butanone	3.976	43	117669	55.062	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	64347	5.344	ug/L	90
23) Bromochloromethane	4.253	128	24470	5.351	ug/L	86
25) Chloroform	4.378	83	113732	5.268	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.134	62	64662	5.462	ug/L		98
29) 1,1,1-Trichloroethane	4.613	97	100150	5.030	ug/L		97
30) Cyclohexane	4.680	56	103535	5.047	ug/L		94
31) Carbon tetrachloride	4.831	117	83560	4.955	ug/L		99
33) Benzene	5.101	78	250047	5.279	ug/L		100
34) Trichloroethene	5.915	95	66460	5.095	ug/L		85
35) Methylcyclohexane	6.130	83	103543	4.799	ug/L		98
37) 1,2-Dichloropropane	6.175	63	61634	5.368	ug/L		97
38) Bromodichloromethane	6.510	83	78686	5.156	ug/L	#	98
39) cis-1,3-Dichloropropene	7.027	75	81232	4.643	ug/L		99
40) 4-Methyl-2-pentanone	7.223	43	315838	53.306	ug/L		99
42) Toluene	7.387	91	270588	5.244	ug/L		99
44) trans-1,3-Dichloropropene	7.651	75	65911	4.561	ug/L		98
45) 1,1,2-Trichloroethane	7.838	97	39533	5.313	ug/L		96
47) Tetrachloroethene	7.973	164	41720	4.821	ug/L		88
48) 2-Hexanone	8.137	43	221541	54.623	ug/L		97
49) Dibromochloromethane	8.246	129	46119	5.133	ug/L		100
50) 1,2-Dibromoethane	8.352	107	36512	5.228	ug/L	#	92
51) Chlorobenzene	8.879	112	173178	5.476	ug/L		93
52) Ethylbenzene	9.011	91	293436	5.111	ug/L		98
53) m,p-xylene	9.137	106	111445	5.124	ug/L		96
54) o-xylene	9.542	106	109286	5.211	ug/L		95
55) Styrene	9.558	104	181577	5.274	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41789	5.545	ug/L		97
59) Bromoform	9.731	173	19846	4.952	ug/L		98
60) Isopropylbenzene	9.931	105	292445	5.141	ug/L		98
61) 1,2,3-Trichloropropane	10.272	75	32772	5.300	ug/L		95
62) 1,3,5-Trimethylbenzene	10.538	105	245645	5.043	ug/L		97
63) 1,2,4-Trimethylbenzene	10.911	105	249801	5.159	ug/L		97
64) 1,3-Dichlorobenzene	11.178	146	119050	5.141	ug/L		96
65) 1,4-Dichlorobenzene	11.272	146	119480	5.195	ug/L		95
67) 1,2-Dichlorobenzene	11.641	146	106855	5.198	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6139	5.112	ug/L	#	77
69) 1,3,5-Trichlorobenzene	12.645	180	81662	4.957	ug/L		98
70) 1,2,4-trichlorobenzene	13.259	180	66311	4.985	ug/L	#	96
71) Naphthalene	13.500	128	123192	5.113	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	57428	5.133	ug/L		97

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

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