Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
Data File : VV031230.D
Acq On : 25 May 2023 13:09
Operator : SY/MD
Sample : VSTD00140
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD001240

Manual Integrations APPROVED
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 26 06:04:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 26 06:03:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.542	114	143776	5.000	ug/L		0.00
28) Chlorobenzene-d5	8.792	117	116879	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	61443	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.281	65	16280	1.292	ug/L		0.00
7) Chloroethane-d5	1.539	69	12355	1.204	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.063	65	6434	1.006	ug/L		0.00
20) 2-Butanone-d5	3.828	46	30919m	12.993	ug/L		0.02
24) Chloroform-d	4.262	84	31280	1.244	ug/L		0.00
26) 1,2-Dichloroethane-d4	4.957	65	15445	1.205	ug/L		0.00
32) Benzene-d6	4.973	84	50718	1.357	ug/L		0.00
36) 1,2-Dichloropropane-d6	5.998	67	17785	1.548	ug/L		0.00
41) Toluene-d8	7.252	98	44025	1.244	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.567	79	5178	1.259	ug/L		0.00
46) 2-Hexanone-d5	8.040	63	18206	12.270	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	11332	1.418	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	13329	1.110	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.108	85	14446	1.165	ug/L		95
3) Chloromethane	1.217	50	15329	1.077	ug/L		99
5) Vinyl chloride	1.285	62	14609	1.175	ug/L		96
6) Bromomethane	1.490	94	7804	1.305	ug/L		99
8) Chloroethane	1.555	64	8099	1.109	ug/L		99
9) Trichlorofluoromethane	1.719	101	19500	0.906	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	10842	0.978	ug/L		96
12) 1,1-Dichloroethene	2.076	96	8324	0.842	ug/L		93
13) Acetone	2.150	43	19079	9.568	ug/L		96
14) Carbon disulfide	2.246	76	26590	1.010	ug/L		97
15) Methyl Acetate	2.397	43	5676m	1.418	ug/L		
16) Methylene chloride	2.455	84	52114	3.939	ug/L		97
17) Methyl tert-butyl Ether	2.712	73	22683	1.114	ug/L	#	82
18) trans-1,2-Dichloroethene	2.706	96	9235	0.981	ug/L		98
19) 1,1-Dichloroethane	3.121	63	23734	1.224	ug/L		97
21) 2-Butanone	3.918	43	26782m	11.656	ug/L		
22) cis-1,2-Dichloroethene	3.831	96	10412	1.031	ug/L		93
23) Bromochloromethane	4.166	128	5118	1.073	ug/L		95
25) Chloroform	4.281	83	25661	1.244	ug/L		98
27) 1,2-Dichloroethane	5.056	62	14706	1.163	ug/L		99
29) 1,1,1-Trichloroethane	4.519	97	21652	1.325	ug/L		98
30) Cyclohexane	4.593	56	13774	1.113	ug/L		92
31) Carbon tetrachloride	4.748	117	18573	1.275	ug/L		94
33) Benzene	5.021	78	39635	1.199	ug/L		100
34) Trichloroethene	5.844	95	12367	1.408	ug/L		92
35) Methylcyclohexane	6.059	83	13373	1.014	ug/L		96
37) 1,2-Dichloropropane	6.104	63	11805	1.416	ug/L		98
38) Bromodichloromethane	6.442	83	16320	1.387	ug/L	#	96
39) cis-1,3-Dichloropropene	6.969	75	14223	1.190	ug/L		99
40) 4-Methyl-2-pentanone	7.172	43	54208	12.460	ug/L		100
42) Toluene	7.326	91	38980	1.108	ug/L		98
44) trans-1,3-Dichloropropene	7.593	75	11696	1.156	ug/L		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.783	97	8888	1.490	ug/L		94
47) Tetrachloroethene	7.911	164	9392	1.215	ug/L		92
48) 2-Hexanone	8.091	43	37985	11.848	ug/L		99
49) Dibromochloromethane	8.185	129	9664	1.372	ug/L		96
50) 1,2-Dibromoethane	8.291	107	7427	1.442	ug/L	#	96
51) Chlorobenzene	8.825	112	24771	1.075	ug/L		98
52) Ethylbenzene	8.953	91	37842	1.018	ug/L		99
53) m,p-Xylene	9.082	106	13448	0.922	ug/L		99
54) o-Xylene	9.487	106	12909	0.933	ug/L		97
55) Styrene	9.506	104	20708	0.875	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.185	83	9010	1.346	ug/L		92
59) Bromoform	9.673	173	4447	1.134	ug/L		92
60) Isopropylbenzene	9.873	105	35790	0.991	ug/L		97
61) 1,2,3-Trichloropropane	10.220	75	6482	1.429	ug/L		93
62) 1,3,5-Trimethylbenzene	10.484	105	29277	1.006	ug/L		97
63) 1,2,4-Trimethylbenzene	10.860	105	27239	0.915	ug/L		98
64) 1,3-Dichlorobenzene	11.127	146	18348	1.032	ug/L		96
65) 1,4-Dichlorobenzene	11.217	146	19453	1.067	ug/L		94
67) 1,2-Dichlorobenzene	11.586	146	17398	1.053	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.381	75	1655	1.582	ug/L	#	70
69) 1,3,5-Trichlorobenzene	12.593	180	14240	1.023	ug/L		99
70) 1,2,4-trichlorobenzene	13.210	180	10482	0.949	ug/L		94
71) Naphthalene	13.451	128	13767	0.881	ug/L	#	96
72) 1,2,3-Trichlorobenzene	13.689	180	8408	0.883	ug/L		95

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

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