Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050323\
Data File : VV030983.D
Acq On : 03 May 2023 14:11
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

Quant Time: May 04 05:38:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 04 05:37:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	129019	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	125766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	77325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	44570	4.193	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.800%			
7) Chloroethane-d5	1.535	69	38142	4.399	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.000%			
11) 1,1-Dichloroethene-d2	2.063	65	23004	4.089	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.800%			
20) 2-Butanone-d5	3.825	46	86515	45.897	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.800%			
24) Chloroform-d	4.256	84	100474	4.756	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
26) 1,2-Dichloroethane-d4	4.947	65	48514	4.517	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
32) Benzene-d6	4.966	84	159879	4.337	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	5.992	67	46161	4.306	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.200%			
41) Toluene-d8	7.246	98	149383	4.255	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	7.561	79	18507	4.606	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.200%			
46) 2-Hexanone-d5	8.034	63	65888	46.801	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.600%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	37902	4.878	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	11.567	152	64293	4.460	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	50583	4.963	ug/L	100
3) Chloromethane	1.217	50	54374	4.546	ug/L	99
5) Vinyl chloride	1.285	62	48698	4.864	ug/L	98
6) Bromomethane	1.490	94	23122	4.849	ug/L	98
8) Chloroethane	1.552	64	29910	4.909	ug/L	98
9) Trichlorofluoromethane	1.716	101	92228	4.993	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	48297	5.122	ug/L	98
12) 1,1-Dichloroethene	2.072	96	43648	5.027	ug/L	94
13) Acetone	2.162	43	66166	41.093	ug/L	99
14) Carbon disulfide	2.243	76	102948	4.531	ug/L	98
15) Methyl Acetate	2.391	43	14972	4.570	ug/L	93
16) Methylene chloride	2.452	84	45424	4.625	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	86119	5.210	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	37979	4.789	ug/L	99
19) 1,1-Dichloroethane	3.117	63	79533	5.193	ug/L	98
21) 2-Butanone	3.908	43	78924	44.569	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	41700	4.983	ug/L	98
23) Bromochloromethane	4.153	128	19947	5.063	ug/L	98
25) Chloroform	4.281	83	88772	5.403	ug/L	94

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27) 1,2-Dichloroethane	5.047	62	55534	5.385	ug/L		100
29) 1,1,1-Trichloroethane	4.519	97	84011	5.316	ug/L		97
30) Cyclohexane	4.587	56	54630	4.577	ug/L		98
31) Carbon tetrachloride	4.741	117	75972	5.352	ug/L		96
33) Benzene	5.014	78	165476	5.231	ug/L		100
34) Trichloroethene	5.838	95	42929	5.091	ug/L		97
35) Methylcyclohexane	6.056	83	60902	4.660	ug/L		100
37) 1,2-Dichloropropane	6.098	63	39868	5.313	ug/L	#	97
38) Bromodichloromethane	6.439	83	58572	5.333	ug/L		96
39) cis-1,3-Dichloropropene	6.960	75	57782	5.141	ug/L		98
40) 4-Methyl-2-pentanone	7.165	43	205563	52.873	ug/L		98
42) Toluene	7.320	91	184308	5.411	ug/L		98
44) trans-1,3-Dichloropropene	7.587	75	50061	5.228	ug/L		97
45) 1,1,2-Trichloroethane	7.773	97	29910	5.372	ug/L		97
47) Tetrachloroethene	7.908	164	41636	5.175	ug/L		96
48) 2-Hexanone	8.085	43	157725	52.893	ug/L		98
49) Dibromochloromethane	8.181	129	38933	5.558	ug/L		97
50) 1,2-Dibromoethane	8.288	107	25756	5.187	ug/L		96
51) Chlorobenzene	8.818	112	121510	5.262	ug/L		98
52) Ethylbenzene	8.953	91	192584	5.186	ug/L		97
53) m,p-Xylene	9.079	106	75655	5.105	ug/L		100
54) o-Xylene	9.484	106	72287	5.126	ug/L		98
55) Styrene	9.503	104	126156	5.301	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.185	83	34133	5.485	ug/L		95
59) Bromoform	9.673	173	23475	5.158	ug/L		99
60) Isopropylbenzene	9.873	105	201454	4.832	ug/L		99
61) 1,2,3-Trichloropropane	10.217	75	23942	4.929	ug/L		98
62) 1,3,5-Trimethylbenzene	10.484	105	160458	4.728	ug/L		99
63) 1,2,4-Trimethylbenzene	10.857	105	161932	4.709	ug/L		99
64) 1,3-Dichlorobenzene	11.123	146	108097	5.049	ug/L		98
65) 1,4-Dichlorobenzene	11.217	146	108029	5.001	ug/L		95
67) 1,2-Dichlorobenzene	11.586	146	95960	4.984	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5880	4.769	ug/L	#	92
69) 1,3,5-Trichlorobenzene	12.590	180	81340	4.798	ug/L		97
70) 1,2,4-trichlorobenzene	13.207	180	61726	4.738	ug/L		98
71) Naphthalene	13.448	128	76038	4.070	ug/L		99
72) 1,2,3-Trichlorobenzene	13.689	180	50965	4.621	ug/L		98

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

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