Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
Data File : VV037242.D
Acq On : 10 Sep 2024 10:19
Operator : SY/MD
Sample : VSTD01071
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010271

Quant Time: Sep 11 04:37:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 11 04:34:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	321967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	328214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	170320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	189591	10.037	ug/L	0.00
7) Chloroethane-d5	1.529	69	197022	10.004	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	100395	10.292	ug/L	0.00
20) 2-Butanone-d5	3.812	46	614925	119.965	ug/L	0.00
24) Chloroform-d	4.240	84	467393	10.192	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	220903	10.287	ug/L	0.00
32) Benzene-d6	4.953	84	909782	10.338	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	284120	9.951	ug/L	0.00
41) Toluene-d8	7.236	98	827822	10.440	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	95019	10.555	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	491272	116.286	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	217715	9.761	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	294525	9.726	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	293891	9.827	ug/L	99
3) Chloromethane	1.214	50	321658	10.080	ug/L	100
5) Vinyl chloride	1.282	62	318986	10.170	ug/L	99
6) Bromomethane	1.487	94	190964	10.149	ug/L	99
8) Chloroethane	1.548	64	192633	10.214	ug/L	100
9) Trichlorofluoromethane	1.709	101	400477	10.265	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	232300	9.832	ug/L	100
12) 1,1-Dichloroethene	2.063	96	229481	10.171	ug/L	88
13) Acetone	2.159	43	390687	103.895	ug/L	98
14) Carbon disulfide	2.233	76	733934	10.316	ug/L	100
15) Methyl Acetate	2.388	43	96733	10.914	ug/L	97
16) Methylene chloride	2.442	84	255846	9.863	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	571980	10.664	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	247927	10.444	ug/L	95
19) 1,1-Dichloroethane	3.105	63	465278	10.264	ug/L	98
21) 2-Butanone	3.892	43	634882	114.506	ug/L	95
22) cis-1,2-Dichloroethene	3.806	96	269341	10.495	ug/L	99
23) Bromochloromethane	4.140	128	116544	10.486	ug/L	97
25) Chloroform	4.269	83	469733	10.286	ug/L	97
27) 1,2-Dichloroethane	5.034	62	280802	10.867	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	398159	10.231	ug/L	98
30) Cyclohexane	4.574	56	386588	10.239	ug/L	98
31) Carbon tetrachloride	4.725	117	334391	10.095	ug/L	99
33) Benzene	5.002	78	1023660	10.351	ug/L	100
34) Trichloroethene	5.825	95	271411	10.185	ug/L	97
35) Methylcyclohexane	6.043	83	407332	10.055	ug/L	99
37) 1,2-Dichloropropane	6.085	63	263901	10.833	ug/L	100
38) Bromodichloromethane	6.426	83	324670	10.307	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	391198	10.980	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	1577031	110.334	ug/L	99
42) Toluene	7.307	91	1086097	10.558	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	322152	11.101	ug/L	97

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45) 1,1,2-Trichloroethane	7.764	97	186124	10.335	ug/L	99
47) Tetrachloroethene	7.899	164	189748	9.948	ug/L	98
48) 2-Hexanone	8.072	43	1139933	115.765	ug/L	100
49) Dibromochloromethane	8.169	129	200642	10.635	ug/L	98
50) 1,2-Dibromoethane	8.278	107	177850	10.453	ug/L	99
51) Chlorobenzene	8.809	112	697129	10.177	ug/L	100
52) Ethylbenzene	8.940	91	1213811	10.572	ug/L	99
53) m,p-Xylene	9.066	106	453110	10.727	ug/L	99
54) o-Xylene	9.471	106	447899	10.710	ug/L	99
55) Styrene	9.490	104	777312	10.963	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	224862	10.336	ug/L	98
59) Bromoform	9.661	173	104611	10.499	ug/L	98
60) Isopropylbenzene	9.860	105	1203710	10.559	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	160591	10.362	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	962618	10.649	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	978322	10.774	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	539514	10.011	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	542884	9.823	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	506051	10.129	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	34399	11.114	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	378730	9.854	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	322691	10.200	ug/L	98
71) Naphthalene	13.435	128	521466	10.786	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	277063	10.584	ug/L	96

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

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