Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091124\
Data File : VV037249.D
Acq On : 11 Sep 2024 09:39
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

Quant Time: Sep 12 01:50:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 11 04:56:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	369160	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	353775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	183022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	85626	3.954	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.000%			
7) Chloroethane-d5	1.529	69	93338	4.134	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.600%			
11) 1,1-Dichloroethene-d2	2.053	65	46098	4.122	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.400%			
20) 2-Butanone-d5	3.841	46	292017	45.117	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.240%			
24) Chloroform-d	4.240	84	229084	4.357	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
26) 1,2-Dichloroethane-d4	4.937	65	108604	4.411	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
32) Benzene-d6	4.950	84	432506	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
36) 1,2-Dichloropropane-d6	5.982	67	137552	4.663	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.236	98	386858	4.527	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
43) trans-1,3-Dichloroprop...	7.555	79	45169	4.655	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.027	63	228992	48.304	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.600%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	108668	4.520	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.400%			
66) 1,2-Dichlorobenzene-d4	11.554	152	145112	4.460	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	158651	4.627	ug/L	100
3) Chloromethane	1.214	50	160842	4.396	ug/L	98
5) Vinyl chloride	1.278	62	162506	4.519	ug/L	99
6) Bromomethane	1.484	94	95865	4.444	ug/L	100
8) Chloroethane	1.545	64	96426	4.459	ug/L	99
9) Trichlorofluoromethane	1.709	101	205248	4.588	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	124507	4.596	ug/L	99
12) 1,1-Dichloroethene	2.063	96	118497	4.581	ug/L	98
13) Acetone	2.191	43	193444	42.924	ug/L	97
14) Carbon disulfide	2.233	76	358570	4.396	ug/L	100
15) Methyl Acetate	2.394	43	52562	5.092	ug/L	93
16) Methylene chloride	2.442	84	131764	4.430	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	283806	4.615	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	125436	4.608	ug/L	97
19) 1,1-Dichloroethane	3.105	63	237475	4.569	ug/L	99
21) 2-Butanone	3.908	43	285641	41.702	ug/L	93
22) cis-1,2-Dichloroethene	3.809	96	135879	4.618	ug/L	96
23) Bromochloromethane	4.143	128	59373	4.659	ug/L	93
25) Chloroform	4.265	83	236683	4.520	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.037	62	140449	4.741	ug/L		99
29) 1,1,1-Trichloroethane	4.500	97	198031	4.721	ug/L		96
30) Cyclohexane	4.571	56	199228	4.895	ug/L		97
31) Carbon tetrachloride	4.725	117	168329	4.714	ug/L		100
33) Benzene	5.002	78	510234	4.787	ug/L		100
34) Trichloroethene	5.825	95	136950	4.768	ug/L		96
35) Methylcyclohexane	6.040	83	215528	4.936	ug/L		99
37) 1,2-Dichloropropane	6.085	63	130793	4.823	ug/L		100
38) Bromodichloromethane	6.426	83	163011	4.801	ug/L		99
39) cis-1,3-Dichloropropene	6.950	75	191125	4.865	ug/L		99
40) 4-Methyl-2-pentanone	7.156	43	752815	48.486	ug/L		100
42) Toluene	7.307	91	547292	4.936	ug/L		100
44) trans-1,3-Dichloropropene	7.577	75	152778	4.820	ug/L		98
45) 1,1,2-Trichloroethane	7.764	97	93404	4.812	ug/L		99
47) Tetrachloroethene	7.899	164	100503	4.889	ug/L		99
48) 2-Hexanone	8.075	43	545627	48.080	ug/L		98
49) Dibromochloromethane	8.169	129	99456	4.891	ug/L		98
50) 1,2-Dibromoethane	8.278	107	87695	4.782	ug/L	#	99
51) Chlorobenzene	8.809	112	350225	4.743	ug/L		98
52) Ethylbenzene	8.940	91	602921	4.872	ug/L		99
53) m,p-Xylene	9.066	106	228905	5.027	ug/L		99
54) o-Xylene	9.471	106	219768	4.875	ug/L		99
55) Styrene	9.490	104	381685	4.994	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.172	83	110377	4.707	ug/L		97
59) Bromoform	9.661	173	50196	4.688	ug/L		98
60) Isopropylbenzene	9.860	105	594409	4.852	ug/L		99
61) 1,2,3-Trichloropropane	10.207	75	78776	4.730	ug/L		99
62) 1,3,5-Trimethylbenzene	10.471	105	478040	4.921	ug/L		98
63) 1,2,4-Trimethylbenzene	10.847	105	483888	4.959	ug/L		100
64) 1,3-Dichlorobenzene	11.111	146	281121	4.854	ug/L		98
65) 1,4-Dichlorobenzene	11.204	146	283322	4.771	ug/L		97
67) 1,2-Dichlorobenzene	11.574	146	257126	4.789	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.361	75	15358	4.447	ug/L		92
69) 1,3,5-Trichlorobenzene	12.577	180	198346	4.803	ug/L		98
70) 1,2,4-trichlorobenzene	13.194	180	167247	4.920	ug/L		100
71) Naphthalene	13.435	128	254059	4.890	ug/L		100
72) 1,2,3-Trichlorobenzene	13.677	180	139563	4.961	ug/L		98

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

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