Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049409.D
Acq On : 23 Jan 2025 08:23
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020071

Quant Time: Jan 23 22:07:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	309025	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	1127240	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	697090	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1346394	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1292053	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1308075	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	64375	8.619	ng/uL	0.00
4) Pyridine-d5	3.510	84	485641	20.425	ng/ul	0.00
7) Phenol-d5	6.710	99	504960	19.466	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	341702	19.782	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	411076	20.715	ng/ul	0.00
15) 4-Methylphenol-d8	8.233	113	373694	18.577	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	186678	21.717	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	207529	21.596	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	411401	20.981	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	496526	19.243	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1044033	20.123	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1266615	21.385	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	157874	18.375	ng/ul	0.00
60) Fluorene-d10	15.157	176	929183	20.731	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	119964	13.981	ng/ul	0.00
73) Anthracene-d10	17.009	188	1398855	21.017	ng/ul	0.00
81) Pyrene-d10	19.315	212	1552475	19.743	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.732	264	1453347	20.697	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.151	88	69406	8.482	ng/uL	100
5) Pyridine	3.528	79	490126	20.392	ng/ul	98
6) Benzaldehyde	6.675	77	323970	23.165	ng/ul	96
8) Phenol	6.739	94	520750	19.308	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.957	93	429317	19.547	ng/ul	99
12) 2-Chlorophenol	7.092	128	420366	20.379	ng/ul	99
13) 2-Methylphenol	7.969	108	377283	19.146	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.039	45	666351	20.244	ng/ul	99
16) Acetophenone	8.333	105	621004	18.902	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.322	70	331742	18.694	ng/ul	98
18) 4-Methylphenol	8.292	108	407592	18.879	ng/ul	99
19) Hexachloroethane	8.575	117	177281	20.002	ng/ul	97
22) Nitrobenzene	8.704	77	467061	20.973	ng/ul	98
23) Isophorone	9.228	82	861819	19.917	ng/ul	99
25) 2-Nitrophenol	9.404	139	224175	21.226	ng/ul	100
26) 2,4-Dimethylphenol	9.480	107	406987	20.590	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.710	93	533610	20.064	ng/ul	100
29) 2,4-Dichlorophenol	9.939	162	402324	20.594	ng/ul	99
30) Naphthalene	10.327	128	1230203	20.564	ng/ul	100
32) 4-Chloroaniline	10.445	127	469474	19.080	ng/ul	99
33) Hexachlorobutadiene	10.622	225	292159	20.945	ng/ul	98
34) Caprolactam	11.216	113	126126	21.687	ng/ul	94
35) 4-Chloro-3-methylphenol	11.586	107	362368	19.838	ng/ul	99
36) 2-Methylnaphthalene	11.951	142	854173	19.953	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	832707	19.550	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.327	216	529119	21.929	ng/ul	98
40) Hexachlorocyclopentadiene	12.310	237	231813	16.013	ng/ul	98
41) 2,4,6-Trichlorophenol	12.574	196	324780	21.880	ng/ul	99
42) 2,4,5-Trichlorophenol	12.651	196	343357	21.583	ng/ul	99
43) 1,1'-Biphenyl	12.980	154	1096174	21.478	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	893936	21.901	ng/ul	99
45) 2-Nitroaniline	13.233	65	233722	21.701	ng/ul	96
47) Dimethylphthalate	13.627	163	1032800	20.123	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	203297	21.231	ng/ul	98
50) Acenaphthylene	13.874	152	1286949	21.194	ng/ul	100
51) 3-Nitroaniline	14.074	138	194605	20.714	ng/ul	99
52) Acenaphthene	14.221	153	900758	20.762	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	96905	16.159	ng/ul	97
55) 4-Nitrophenol	14.398	109	112528	17.761	ng/ul	95
56) Dibenzofuran	14.562	168	1267741	20.577	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	290060	20.414	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.792	232	269217	20.033	ng/ul	98
59) Diethylphthalate	15.004	149	996215	19.916	ng/ul	99
61) Fluorene	15.215	166	1046091	20.782	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.215	204	558967	20.376	ng/ul	98
63) 4-Nitroaniline	15.239	138	189821	22.457	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.298	198	132634	14.176	ng/ul	98
67) N-Nitrosodiphenylamine	15.433	169	852404	21.338	ng/ul	100
68) 4-Bromophenyl-phenylether	16.109	248	329866	21.546	ng/ul	99
69) Hexachlorobenzene	16.215	284	369254	20.738	ng/ul	96
70) Atrazine	16.398	200	323425	19.803	ng/ul	99
71) Pentachlorophenol	16.568	266	196461	16.655	ng/ul	98
72) Phenanthrene	16.951	178	1569265	20.965	ng/ul	100
74) Anthracene	17.039	178	1613601	21.477	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	518957	23.063	ng/uL	99
76) Pentachlorobenzene	14.480	250	485444	21.614	ng/uL	99
77) Carbazole	17.315	167	1387119	20.809	ng/ul	99
78) Di-n-butylphthalate	17.898	149	1655454	20.269	ng/ul	99
80) Fluoranthene	18.974	202	1823154	20.178	ng/ul	98
82) Pyrene	19.339	202	1918988	19.952	ng/ul	98
83) Butylbenzylphthalate	20.268	149	677105	19.885	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.056	252	472735	19.539	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1860215	20.659	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	987170	19.493	ng/ul	99
87) Chrysene	21.180	228	1745574	21.235	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1649294	17.308	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	1724800	19.700	ng/ul	100
91) Benzo(k)fluoranthene	23.103	252	1751012	20.058	ng/ul	99
93) Benzo(a)pyrene	23.791	252	1619438	20.478	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	1985769	21.890	ng/ul	100
95) Dibenzo(a,h)anthracene	27.050	278	1618880	21.910	ng/ul	99
96) Benzo(g,h,i)perylene	27.962	276	1477859	21.823	ng/ul	98

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

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