Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
Data File : BM041897.D
Acq On : 18 Sep 2023 16:12
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM091823

Quant Time: Sep 19 04:51:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	331107	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1462947	20.000	ng		0.00
39) Acenaphthene-d10	14.615	164	922532	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1984954	20.000	ng		0.00
76) Chrysene-d12	21.544	240	1716561	20.000	ng		0.00
86) Perylene-d12	23.962	264	1772689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1594610	80.215	ng		0.00
7) Phenol-d6	7.110	99	2237356	81.059	ng		0.00
23) Nitrobenzene-d5	9.157	82	2319928	80.741	ng		0.00
42) 2,4,6-Tribromophenol	16.110	330	927480	80.577	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	5019487	79.861	ng		0.00
79) Terphenyl-d14	19.974	244	7711969	81.825	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	323566	39.905	ng		98
3) Pyridine	3.816	79	1003383	39.835	ng		99
4) n-Nitrosodimethylamine	3.740	42	487759	40.739	ng		95
6) Aniline	7.304	93	1468146	40.148	ng		100
8) 2-Chlorophenol	7.522	128	888805	40.159	ng		97
9) Benzaldehyde	7.122	77	624307	40.008	ng		99
10) Phenol	7.140	94	1145719	40.439	ng		99
11) bis(2-Chloroethyl)ether	7.398	93	947680	40.100	ng		99
12) 1,3-Dichlorobenzene	7.845	146	938649	39.720	ng		99
13) 1,4-Dichlorobenzene	7.998	146	953122	39.693	ng		99
14) 1,2-Dichlorobenzene	8.316	146	918760	39.805	ng		100
15) Benzyl Alcohol	8.216	79	889354	40.813	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.486	45	1447159	40.039	ng		99
17) 2-Methylphenol	8.392	107	836202	40.589	ng		99
18) Hexachloroethane	9.034	117	356437	39.491	ng		100
19) n-Nitroso-di-n-propyla...	8.781	70	842015	41.038	ng		99
20) 3+4-Methylphenols	8.728	107	1150760	40.695	ng		98
22) Acetophenone	8.810	105	1470299	40.203	ng	#	99
24) Nitrobenzene	9.204	77	1151178	40.365	ng		98
25) Isophorone	9.716	82	2270954	40.044	ng		99
26) 2-Nitrophenol	9.904	139	530696	41.315	ng		99
27) 2,4-Dimethylphenol	9.933	122	922353	39.926	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	1328759	40.089	ng		99
29) 2,4-Dichlorophenol	10.422	162	910732	40.737	ng		99
30) 1,2,4-Trichlorobenzene	10.633	180	912811	39.769	ng		99
31) Naphthalene	10.833	128	2935062	39.851	ng		100
32) Benzoic acid	10.086	122	773828	42.514	ng		98
33) 4-Chloroaniline	10.963	127	1322951	40.133	ng		99
34) Hexachlorobutadiene	11.063	225	551759	39.356	ng		100
35) Caprolactam	11.804	113	327578	40.997	ng		99
36) 4-Chloro-3-methylphenol	12.057	107	1005820	40.370	ng		99
37) 2-Methylnaphthalene	12.439	142	2173342	40.134	ng		99
38) 1-Methylnaphthalene	12.657	142	2024670	39.810	ng		99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1081035	40.406	ng		100
41) Hexachlorocyclopentadiene	12.739	237	618237	41.096	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	740040	40.645	ng		99

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44) 2,4,5-Trichlorophenol	13.110	196	867407	40.706	ng	99
46) 1,1'-Biphenyl	13.451	154	2730370	40.114	ng	100
47) 2-Chloronaphthalene	13.498	162	1977196	39.887	ng	99
48) 2-Nitroaniline	13.727	65	732528	41.357	ng	98
49) Acenaphthylene	14.345	152	3301967	40.139	ng	99
50) Dimethylphthalate	14.074	163	2712762	39.776	ng	100
51) 2,6-Dinitrotoluene	14.216	165	586434	40.575	ng	99
52) Acenaphthene	14.680	154	1979656	40.011	ng	99
53) 3-Nitroaniline	14.557	138	667607	41.269	ng	98
54) 2,4-Dinitrophenol	14.757	184	371948	41.205	ng	98
55) Dibenzofuran	15.015	168	3166650	39.648	ng	99
56) 4-Nitrophenol	14.833	139	527842	41.141	ng	99
57) 2,4-Dinitrotoluene	14.998	165	793703	41.507	ng	99
58) Fluorene	15.662	166	2492456	39.584	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	704635	40.288	ng	100
60) Diethylphthalate	15.427	149	2704172	39.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1323227	40.057	ng	99
62) 4-Nitroaniline	15.721	138	639489	41.108	ng	97
63) Azobenzene	15.951	77	2753879	40.040	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	486344	42.668	ng	99
66) n-Nitrosodiphenylamine	15.880	169	2228165	39.745	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	817030	39.943	ng	99
68) Hexachlorobenzene	16.633	284	864063	39.897	ng	95
69) Atrazine	16.821	200	674262	38.569	ng	99
70) Pentachlorophenol	16.992	266	668883	40.877	ng	100
71) Phenanthrene	17.409	178	3931782	39.717	ng	100
72) Anthracene	17.504	178	4033526	39.941	ng	100
73) Carbazole	17.786	167	3694120	39.894	ng	100
74) Di-n-butylphthalate	18.303	149	4799508	40.373	ng	100
75) Fluoranthene	19.421	202	4674889	40.224	ng	100
77) Benzidine	19.621	184	1386061	39.558	ng	100
78) Pyrene	19.786	202	4802560	40.208	ng	100
80) Butylbenzylphthalate	20.662	149	2137026	40.228	ng	96
81) Benzo(a)anthracene	21.527	228	4499746	40.192	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	1579024	40.049	ng	98
83) Chrysene	21.586	228	4158647	39.630	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	3189328	40.469	ng	99
85) Di-n-octyl phthalate	22.339	149	5343696	40.282	ng	100
87) Indeno(1,2,3-cd)pyrene	26.485	276	4250308	40.157	ng	100
88) Benzo(b)fluoranthene	23.221	252	4108665	39.699	ng	100
89) Benzo(k)fluoranthene	23.274	252	4130229	40.385	ng	100
90) Benzo(a)pyrene	23.862	252	3900192	40.161	ng	99
91) Dibenzo(a,h)anthracene	26.503	278	3578521	40.556	ng	99
92) Benzo(g,h,i)perylene	27.268	276	3361904	39.876	ng	100

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

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