Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
Data File : BM041935.D
Acq On : 20 Sep 2023 13:08
Operator : MA/JU
Sample : PB155456BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB155456BSD

Quant Time: Sep 20 14:18:54 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	7.957	152	288323	20.000	ng		-0.01
21) Naphthalene-d8	10.774	136	1221425	20.000	ng		-0.01
39) Acenaphthene-d10	14.610	164	742272	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	1524957	20.000	ng		0.00
76) Chrysene-d12	21.538	240	1338412	20.000	ng		0.00
86) Perylene-d12	23.950	264	1319338	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	2444124	141.194	ng		0.00
7) Phenol-d6	7.110	99	3207193	133.439	ng		0.00
23) Nitrobenzene-d5	9.151	82	1965313	81.924	ng		-0.01
42) 2,4,6-Tribromophenol	16.104	330	1161107	125.372	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	4176992	82.596	ng		0.00
79) Terphenyl-d14	19.968	244	6257092	85.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	230128	32.593	ng		99
3) Pyridine	3.810	79	678315	30.926	ng		99
4) n-Nitrosodimethylamine	3.740	42	437940	42.005	ng		97
6) Aniline	7.298	93	1050279	32.983	ng		99
8) 2-Chlorophenol	7.516	128	902112	46.808	ng		99
9) Benzaldehyde	7.116	77	288545	21.235	ng		99
10) Phenol	7.134	94	1178186	47.756	ng		99
11) bis(2-Chloroethyl)ether	7.392	93	871704	42.358	ng		99
12) 1,3-Dichlorobenzene	7.839	146	897017	43.591	ng		100
13) 1,4-Dichlorobenzene	7.998	146	916184	43.817	ng		100
14) 1,2-Dichlorobenzene	8.310	146	888388	44.201	ng		99
15) Benzyl Alcohol	8.210	79	829253	43.702	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.480	45	1337720	42.503	ng		98
17) 2-Methylphenol	8.392	107	768499	42.838	ng		99
18) Hexachloroethane	9.028	117	338071	43.014	ng		98
19) n-Nitroso-di-n-propyla...	8.775	70	721150	40.363	ng		99
20) 3+4-Methylphenols	8.722	107	1050685	42.669	ng		97
22) Acetophenone	8.804	105	1313573	43.020	ng	#	99
24) Nitrobenzene	9.198	77	1030600	43.282	ng		99
25) Isophorone	9.710	82	1929101	40.743	ng		100
26) 2-Nitrophenol	9.898	139	474843	44.276	ng		99
27) 2,4-Dimethylphenol	9.927	122	834375	43.260	ng		99
28) bis(2-Chloroethoxy)met...	10.186	93	1188838	42.960	ng		100
29) 2,4-Dichlorophenol	10.416	162	867865	46.496	ng		100
30) 1,2,4-Trichlorobenzene	10.627	180	852608	44.491	ng		98
31) Naphthalene	10.827	128	2607545	42.405	ng		100
32) Benzoic acid	10.075	122	651995	42.904	ng		99
33) 4-Chloroaniline	10.957	127	644177	23.406	ng		99
34) Hexachlorobutadiene	11.057	225	498514	42.589	ng		99
35) Caprolactam	11.792	113	270808	40.594	ng		100
36) 4-Chloro-3-methylphenol	12.051	107	913868	43.932	ng		99
37) 2-Methylnaphthalene	12.433	142	1811755	40.073	ng		100
38) 1-Methylnaphthalene	12.651	142	1740589	40.992	ng		99
40) 1,2,4,5-Tetrachloroben...	12.780	216	941011	43.714	ng		100
41) Hexachlorocyclopentadiene	12.733	237	1071166	88.496	ng		99
43) 2,4,6-Trichlorophenol	13.033	196	667791	45.584	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	725250	42.300	ng	98
46) 1,1'-Biphenyl	13.439	154	2384484	43.540	ng	100
47) 2-Chloronaphthalene	13.492	162	1809266	45.364	ng	100
48) 2-Nitroaniline	13.721	65	631432	44.306	ng	99
49) Acenaphthylene	14.339	152	2945951	44.508	ng	100
50) Dimethylphthalate	14.068	163	2310630	42.107	ng	100
51) 2,6-Dinitrotoluene	14.210	165	499388	42.943	ng	99
52) Acenaphthene	14.674	154	1704461	42.815	ng	99
53) 3-Nitroaniline	14.551	138	435524	33.460	ng	98
54) 2,4-Dinitrophenol	14.751	184	619262	85.264	ng	99
55) Dibenzofuran	15.009	168	2739608	42.632	ng	99
56) 4-Nitrophenol	14.833	139	917106	88.840	ng	99
57) 2,4-Dinitrotoluene	14.992	165	670113	43.554	ng	97
58) Fluorene	15.656	166	2174416	42.919	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	619445	44.018	ng	99
60) Diethylphthalate	15.421	149	2261819	41.436	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1117989	42.063	ng	99
62) 4-Nitroaniline	15.715	138	499605	39.915	ng	99
63) Azobenzene	15.939	77	2355475	42.565	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	383773	43.825	ng	94
66) n-Nitrosodiphenylamine	15.868	169	1923333	44.656	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	665331	42.338	ng	98
68) Hexachlorobenzene	16.627	284	768654	46.197	ng	96
69) Atrazine	16.815	200	668556	49.778	ng	99
70) Pentachlorophenol	16.986	266	929235	73.918	ng	99
71) Phenanthrene	17.403	178	3409892	44.835	ng	100
72) Anthracene	17.498	178	3421421	44.100	ng	100
73) Carbazole	17.780	167	3184257	44.761	ng	100
74) Di-n-butylphthalate	18.297	149	3945961	43.206	ng	100
75) Fluoranthene	19.415	202	3910640	43.798	ng	100
77) Benzidine	19.615	184	1326764	48.565	ng	99
78) Pyrene	19.780	202	4018916	43.154	ng	100
80) Butylbenzylphthalate	20.656	149	1763651	42.579	ng	95
81) Benzo(a)anthracene	21.521	228	3847431	44.075	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1261426	41.033	ng	100
83) Chrysene	21.574	228	3497852	42.750	ng	100
84) Bis(2-ethylhexyl)phtha...	21.397	149	2602812	42.358	ng	99
85) Di-n-octyl phthalate	22.327	149	4565931	44.144	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	3647870	46.308	ng	100
88) Benzo(b)fluoranthene	23.209	252	3642538	47.289	ng	100
89) Benzo(k)fluoranthene	23.262	252	3531311	46.394	ng	100
90) Benzo(a)pyrene	23.850	252	3090581	42.760	ng	100
91) Dibenzo(a,h)anthracene	26.479	278	3073638	46.803	ng	99
92) Benzo(g,h,i)perylene	27.244	276	2881964	45.930	ng	99

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

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