Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
Data File : BM042396.D
Acq On : 23 Oct 2023 11:17
Operator : MA/JU
Sample : PB156324BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB156324BS

Quant Time: Oct 23 12:12:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	147294	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	562992	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	266207	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	473477	20.000	ng		0.00
76) Chrysene-d12	21.574	240	387279	20.000	ng		0.00
86) Perylene-d12	24.038	264	373458	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1503762	144.289	ng		0.00
7) Phenol-d6	7.151	99	1924940	137.825	ng		0.00
23) Nitrobenzene-d5	9.198	82	1208138	94.892	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	417077	141.024	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	1940066	98.138	ng		0.00
79) Terphenyl-d14	20.003	244	2378684	108.929	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	174617	35.582	ng		99
3) Pyridine	3.810	79	483110	33.554	ng		99
4) n-Nitrosodimethylamine	3.740	42	318935	43.873	ng		98
6) Aniline	7.334	93	592163	33.301	ng		100
8) 2-Chlorophenol	7.551	128	487507	47.141	ng		99
9) Benzaldehyde	7.157	77	96502	11.863	ng		96
10) Phenol	7.175	94	671850	46.554	ng		98
11) bis(2-Chloroethyl)ether	7.434	93	532544	44.946	ng		100
12) 1,3-Dichlorobenzene	7.875	146	502633	46.991	ng		99
13) 1,4-Dichlorobenzene	8.034	146	511561	47.511	ng		99
14) 1,2-Dichlorobenzene	8.345	146	487110	47.115	ng		99
15) Benzyl Alcohol	8.251	79	460233	44.453	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	845786	45.113	ng		99
17) 2-Methylphenol	8.433	107	407300	42.769	ng		98
18) Hexachloroethane	9.063	117	198765	47.952	ng		99
19) n-Nitroso-di-n-propyla...	8.816	70	409883	43.300	ng		99
20) 3+4-Methylphenols	8.769	107	541220	42.371	ng		98
22) Acetophenone	8.845	105	722866	47.064	ng	#	99
24) Nitrobenzene	9.239	77	608069	47.739	ng		99
25) Isophorone	9.751	82	995633	46.016	ng		100
26) 2-Nitrophenol	9.939	139	225453	46.102	ng		98
27) 2,4-Dimethylphenol	9.975	122	379714	43.265	ng		99
28) bis(2-Chloroethoxy)met...	10.233	93	646219	47.141	ng		100
29) 2,4-Dichlorophenol	10.457	162	377976	49.524	ng		98
30) 1,2,4-Trichlorobenzene	10.669	180	402678	49.215	ng		96
31) Naphthalene	10.869	128	1356940	46.924	ng		100
32) Benzoic acid	10.110	122	264681	41.984	ng		96
33) 4-Chloroaniline	11.004	127	335331	26.709	ng		99
34) Hexachlorobutadiene	11.098	225	217666	49.162	ng		98
35) Caprolactam	11.827	113	115528	39.352	ng		98
36) 4-Chloro-3-methylphenol	12.098	107	424700	46.112	ng		99
37) 2-Methylnaphthalene	12.469	142	844562	43.386	ng		99
38) 1-Methylnaphthalene	12.692	142	823398	45.151	ng		100
40) 1,2,4,5-Tetrachloroben...	12.821	216	391390	50.857	ng		100
41) Hexachlorocyclopentadiene	12.768	237	454123	107.181	ng		99
43) 2,4,6-Trichlorophenol	13.074	196	259305	52.049	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	285211	48.429	ng	#	97
46) 1,1'-Biphenyl	13.480	154	1051488	49.790	ng		99
47) 2-Chloronaphthalene	13.527	162	795265	51.329	ng		99
48) 2-Nitroaniline	13.763	65	303731	44.647	ng		96
49) Acenaphthylene	14.368	152	1306671	52.239	ng		100
50) Dimethylphthalate	14.104	163	913842	46.800	ng		100
51) 2,6-Dinitrotoluene	14.251	165	197648	45.020	ng		94
52) Acenaphthene	14.704	154	734327	48.559	ng		100
53) 3-Nitroaniline	14.586	138	156626	31.187	ng		95
54) 2,4-Dinitrophenol	14.786	184	234737	85.344	ng		94
55) Dibenzofuran	15.039	168	1144320	47.843	ng		99
56) 4-Nitrophenol	14.868	139	396353	99.664	ng		99
57) 2,4-Dinitrotoluene	15.027	165	258288	44.157	ng		98
58) Fluorene	15.686	166	916272	48.547	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	218516	49.391	ng		99
60) Diethylphthalate	15.451	149	902026	46.812	ng		100
61) 4-Chlorophenyl-phenyle...	15.680	204	426066	47.934	ng		97
62) 4-Nitroaniline	15.751	138	196323	39.838	ng		99
63) Azobenzene	15.974	77	1145503	49.549	ng		99
65) 4,6-Dinitro-2-methylph...	15.774	198	130603	43.794	ng		96
66) n-Nitrosodiphenylamine	15.904	169	751127	52.670	ng		99
67) 4-Bromophenyl-phenylether	16.574	248	231696	52.799	ng		98
68) Hexachlorobenzene	16.656	284	255862	54.547	ng		98
69) Atrazine	16.851	200	227018	62.773	ng		99
70) Pentachlorophenol	17.021	266	355340	89.940	ng		99
71) Phenanthrene	17.433	178	1329173	51.604	ng		100
72) Anthracene	17.527	178	1315740	51.578	ng		99
73) Carbazole	17.815	167	1227181	51.280	ng		99
74) Di-n-butylphthalate	18.333	149	1431430	47.281	ng		100
75) Fluoranthene	19.445	202	1386489	48.876	ng		100
77) Benzidine	19.656	184	413262	73.774	ng		99
78) Pyrene	19.815	202	1448414	53.520	ng		100
80) Butylbenzylphthalate	20.692	149	585851	47.773	ng		100
81) Benzo(a)anthracene	21.556	228	1322565	50.942	ng		100
82) 3,3'-Dichlorobenzidine	21.497	252	379561	48.974	ng		99
83) Chrysene	21.609	228	1221545	48.987	ng		100
84) Bis(2-ethylhexyl)phtha...	21.439	149	813629	46.748	ng		99
85) Di-n-octyl phthalate	22.380	149	1386195	46.283	ng		100
87) Indeno(1,2,3-cd)pyrene	26.626	276	1510668	55.352	ng		100
88) Benzo(b)fluoranthene	23.274	252	1209236	53.793	ng		99
89) Benzo(k)fluoranthene	23.327	252	1197096	51.293	ng		99
90) Benzo(a)pyrene	23.927	252	1065410	49.241	ng		99
91) Dibenzo(a,h)anthracene	26.644	278	1258726	55.472	ng		100
92) Benzo(g,h,i)perylene	27.432	276	1219823	55.354	ng		99

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

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