Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF139999.D
Acq On : 24 Oct 2024 14:19
Operator : RC/JU
Sample : PB164338BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164338BS

Quant Time: Oct 24 14:49:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	154233	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	594411	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	330386	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	577654	20.000	ng	0.00
76) Chrysene-d12	14.057	240	290000	20.000	ng	0.00
86) Perylene-d12	15.533	264	306030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1200965	121.900	ng	0.02
7) Phenol-d6	6.516	99	1526139	119.603	ng	0.00
23) Nitrobenzene-d5	7.451	82	994444	92.723	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	465557	150.650	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1803049	90.194	ng	0.00
79) Terphenyl-d14	12.998	244	1802591	101.286	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	176713	38.470	ng	94
3) Pyridine	3.528	79	467085	41.023	ng	94
4) n-Nitrosodimethylamine	3.475	42	253906	41.506	ng	95
6) Aniline	6.551	93	452739	38.071	ng	98
8) 2-Chlorophenol	6.675	128	481286	47.785	ng	97
9) Benzaldehyde	6.440	77	100193	13.958	ng	94
10) Phenol	6.528	94	599548m	45.576	ng	
11) bis(2-Chloroethyl)ether	6.628	93	461876	45.425	ng	98
12) 1,3-Dichlorobenzene	6.834	146	516389	44.664	ng	98
13) 1,4-Dichlorobenzene	6.910	146	520457	45.058	ng	99
14) 1,2-Dichlorobenzene	7.057	146	501167	46.489	ng	99
15) Benzyl Alcohol	7.028	79	437904	46.785	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	760616	43.871	ng	97
17) 2-Methylphenol	7.140	107	400516	46.635	ng	99
18) Hexachloroethane	7.404	117	189339	45.967	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	346800	44.812	ng	95
20) 3+4-Methylphenols	7.287	107	486831	44.318	ng	93
22) Acetophenone	7.298	105	655251	45.006	ng	98
24) Nitrobenzene	7.469	77	521078	44.314	ng	100
25) Isophorone	7.710	82	963299	47.323	ng	99
26) 2-Nitrophenol	7.787	139	250394	56.446	ng	96
27) 2,4-Dimethylphenol	7.816	122	406476	54.953	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	571293	46.323	ng	100
29) 2,4-Dichlorophenol	8.022	162	402401	47.762	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	419645	45.014	ng	99
31) Naphthalene	8.192	128	1406074	45.866	ng	100
32) Benzoic acid	7.934	122	305222	47.311	ng	96
33) 4-Chloroaniline	8.240	127	180866	17.302	ng	97
34) Hexachlorobutadiene	8.310	225	274841	46.921	ng	99
35) Caprolactam	8.610	113	128765m	48.066	ng	
36) 4-Chloro-3-methylphenol	8.716	107	433045	46.419	ng	97
37) 2-Methylnaphthalene	8.887	142	883629	47.064	ng	99
38) 1-Methylnaphthalene	8.987	142	823647	44.714	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	417217	46.808	ng	99
41) Hexachlorocyclopentadiene	9.039	237	552816	178.247	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	311214	49.317	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	315691	48.488	ng		99
46) 1,1'-Biphenyl	9.351	154	1060375	46.104	ng		99
47) 2-Chloronaphthalene	9.375	162	847633	45.758	ng		99
48) 2-Nitroaniline	9.469	65	288942	51.000	ng		92
49) Acenaphthylene	9.792	152	1315457	49.120	ng		99
50) Dimethylphthalate	9.651	163	992418	48.225	ng		100
51) 2,6-Dinitrotoluene	9.710	165	221606	49.734	ng		96
52) Acenaphthene	9.963	154	914726	52.800	ng		100
53) 3-Nitroaniline	9.875	138	133341	29.019	ng		95
54) 2,4-Dinitrophenol	9.986	184	239613	125.397	ng	#	1
55) Dibenzofuran	10.134	168	1172099	47.155	ng		99
56) 4-Nitrophenol	10.034	139	357492	101.124	ng		99
57) 2,4-Dinitrotoluene	10.116	165	295502	53.929	ng		96
58) Fluorene	10.481	166	876917	46.320	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	261872	51.308	ng		96
60) Diethylphthalate	10.351	149	956022	47.315	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	451598	47.235	ng		98
62) 4-Nitroaniline	10.492	138	212439	48.951	ng		97
63) Azobenzene	10.628	77	978683	45.688	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	163067	69.207	ng		90
66) n-Nitrosodiphenylamine	10.586	169	826574	47.809	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	292991	49.235	ng		93
68) Hexachlorobenzene	11.028	284	325261	48.599	ng		95
69) Atrazine	11.116	200	269481	57.540	ng		99
70) Pentachlorophenol	11.216	266	401213	98.775	ng		100
71) Phenanthrene	11.439	178	1303002	47.754	ng		100
72) Anthracene	11.492	178	1315899	49.428	ng		99
73) Carbazole	11.645	167	1126467	45.496	ng		99
74) Di-n-butylphthalate	11.975	149	1364728	47.709	ng		100
75) Fluoranthene	12.627	202	1272889	46.146	ng		99
77) Benzidine	12.745	184	255961	53.677	ng		99
78) Pyrene	12.857	202	1268575	49.974	ng		100
80) Butylbenzylphthalate	13.474	149	413031	54.272	ng		97
81) Benzo(a)anthracene	14.045	228	932259	49.383	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	186417	33.868	ng		98
83) Chrysene	14.080	228	847620	48.970	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	462032	54.112	ng	#	99
85) Di-n-octyl phthalate	14.645	149	775889	49.959	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1083118	55.015	ng		98
88) Benzo(b)fluoranthene	15.098	252	825777	44.297	ng		99
89) Benzo(k)fluoranthene	15.127	252	835531	51.970	ng		100
90) Benzo(a)pyrene	15.468	252	812600	52.975	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	888950	54.125	ng		98
92) Benzo(g,h,i)perylene	17.486	276	825777	50.336	ng		98

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

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