Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139115.D
Acq On : 22 Aug 2024 11:23
Operator : RC/JU
Sample : PB162687BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Quant Time: Aug 22 11:56:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	97452	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	363464	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	218661	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	399434	20.000	ng		0.00
76) Chrysene-d12	14.062	240	238276	20.000	ng		0.00
86) Perylene-d12	15.539	264	208759	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	835355	131.881	ng		0.02
7) Phenol-d6	6.528	99	1084147	132.463	ng		0.00
23) Nitrobenzene-d5	7.463	82	717419	115.015	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	327576	165.484	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1253676	90.967	ng		0.00
79) Terphenyl-d14	13.010	244	1574760	109.662	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	103826	38.216	ng		100
3) Pyridine	3.534	79	289166	41.885	ng		99
4) n-Nitrosodimethylamine	3.493	42	184776	44.305	ng		99
6) Aniline	6.563	93	356471	48.246	ng		99
8) 2-Chlorophenol	6.681	128	298414	48.981	ng		98
9) Benzaldehyde	6.451	77	216589	45.121	ng		98
10) Phenol	6.539	94	412363	48.422	ng		95
11) bis(2-Chloroethyl)ether	6.634	93	298935	43.650	ng		99
12) 1,3-Dichlorobenzene	6.839	146	323516	44.166	ng		100
13) 1,4-Dichlorobenzene	6.916	146	332168	45.354	ng		99
14) 1,2-Dichlorobenzene	7.069	146	317904	47.494	ng		99
15) Benzyl Alcohol	7.039	79	321752	49.740	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	451888	46.842	ng		99
17) 2-Methylphenol	7.145	107	252378	48.422	ng		99
18) Hexachloroethane	7.410	117	117814	45.874	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	247354	46.021	ng		100
20) 3+4-Methylphenols	7.304	107	326789	48.392	ng	#	84
22) Acetophenone	7.310	105	438849	47.288	ng		97
24) Nitrobenzene	7.481	77	366386	52.845	ng		100
25) Isophorone	7.722	82	652949	49.250	ng		99
26) 2-Nitrophenol	7.798	139	141212	57.194	ng		98
27) 2,4-Dimethylphenol	7.833	122	243693	57.965	ng		99
28) bis(2-Chloroethoxy)met...	7.933	93	358964	46.338	ng		99
29) 2,4-Dichlorophenol	8.033	162	255408	48.765	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	271601	44.286	ng		99
31) Naphthalene	8.204	128	862166	46.810	ng		100
32) Benzoic acid	7.951	122	178909	50.562	ng		98
33) 4-Chloroaniline	8.245	127	130774	20.732	ng		99
34) Hexachlorobutadiene	8.322	225	183789	45.876	ng		99
35) Caprolactam	8.622	113	84972m	51.172	ng		
36) 4-Chloro-3-methylphenol	8.728	107	291823	50.321	ng		99
37) 2-Methylnaphthalene	8.892	142	563377	47.687	ng		99
38) 1-Methylnaphthalene	8.992	142	525756	46.111	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	281590	47.285	ng		97
41) Hexachlorocyclopentadiene	9.045	237	392824	170.735	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	200033	49.515	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	205552	49.570	ng		99
46) 1,1'-Biphenyl	9.357	154	710519	47.435	ng		100
47) 2-Chloronaphthalene	9.386	162	545876	44.852	ng		100
48) 2-Nitroaniline	9.475	65	195179	55.016	ng		99
49) Acenaphthylene	9.798	152	877994	50.359	ng		100
50) Dimethylphthalate	9.663	163	679541	50.339	ng		99
51) 2,6-Dinitrotoluene	9.722	165	144946	53.011	ng		95
52) Acenaphthene	9.975	154	621493	53.965	ng		100
53) 3-Nitroaniline	9.886	138	91028	34.510	ng	#	98
54) 2,4-Dinitrophenol	9.992	184	153288	107.507	ng	#	53
55) Dibenzofuran	10.145	168	810191	48.434	ng		99
56) 4-Nitrophenol	10.045	139	246256	120.684	ng		98
57) 2,4-Dinitrotoluene	10.122	165	201716	58.103	ng		99
58) Fluorene	10.486	166	640411	47.905	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	182393	54.781	ng		98
60) Diethylphthalate	10.363	149	670922	50.161	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	321178	48.105	ng		98
62) 4-Nitroaniline	10.510	138	146505	52.498	ng		98
63) Azobenzene	10.639	77	732331	49.269	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	99723	62.723	ng		97
66) n-Nitrosodiphenylamine	10.598	169	568498	48.101	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	203507	48.081	ng		97
68) Hexachlorobenzene	11.033	284	217427	47.883	ng		98
69) Atrazine	11.127	200	201642	55.863	ng		100
70) Pentachlorophenol	11.221	266	292567	100.866	ng		99
71) Phenanthrene	11.451	178	974086	47.979	ng		100
72) Anthracene	11.498	178	993587	50.042	ng		100
73) Carbazole	11.651	167	869735	46.910	ng		100
74) Di-n-butylphthalate	11.986	149	1051130	48.894	ng		100
75) Fluoranthene	12.633	202	1009599	46.591	ng		99
77) Benzidine	12.757	184	379943	77.194	ng		99
78) Pyrene	12.863	202	1018817	51.237	ng		100
80) Butylbenzylphthalate	13.486	149	392044	56.989	ng		99
81) Benzo(a)anthracene	14.051	228	762028	48.651	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	149750	34.203	ng		99
83) Chrysene	14.092	228	721616	50.828	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	513359	56.290	ng		99
85) Di-n-octyl phthalate	14.662	149	738010	57.657	ng		100
87) Indeno(1,2,3-cd)pyrene	17.027	276	665388	54.461	ng		99
88) Benzo(b)fluoranthene	15.104	252	649898	47.752	ng		100
89) Benzo(k)fluoranthene	15.139	252	568787	50.179	ng		99
90) Benzo(a)pyrene	15.474	252	568450	52.860	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	552543	55.093	ng		99
92) Benzo(g,h,i)perylene	17.480	276	500508	43.932	ng		99

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

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