Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140727.D
Acq On : 04 Dec 2024 14:27
Operator : RC/JU
Sample : PB165356BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165356BS

Quant Time: Dec 04 14:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	88586	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	352415	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	209007	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	388967	20.000	ng		0.00
76) Chrysene-d12	14.063	240	236570	20.000	ng		0.01
86) Perylene-d12	15.557	264	188640	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	741216	142.762	ng		0.02
7) Phenol-d6	6.522	99	985953	143.643	ng		0.00
23) Nitrobenzene-d5	7.445	82	649979	94.339	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	332079	148.558	ng		0.01
45) 2-Fluorobiphenyl	9.233	172	1331412	94.912	ng		0.00
79) Terphenyl-d14	12.992	244	1518337	99.939	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	77138	35.337	ng		98
3) Pyridine	3.510	79	197655	41.152	ng		99
4) n-Nitrosodimethylamine	3.463	42	121377	42.998	ng		96
6) Aniline	6.540	93	290879	60.208	ng	#	71
8) 2-Chlorophenol	6.669	128	286353	51.265	ng		95
9) Benzaldehyde	6.428	77	78464	21.594	ng		99
10) Phenol	6.540	94	362294	51.684	ng		89
11) bis(2-Chloroethyl)ether	6.610	93	264319	49.276	ng		99
12) 1,3-Dichlorobenzene	6.816	146	289259	46.086	ng		97
13) 1,4-Dichlorobenzene	6.892	146	289669	45.580	ng		100
14) 1,2-Dichlorobenzene	7.045	146	279347	46.910	ng		100
15) Benzyl Alcohol	7.022	79	264966	52.054	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	328089	51.773	ng		77
17) 2-Methylphenol	7.139	107	231814	51.844	ng		95
18) Hexachloroethane	7.381	117	111688	47.055	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	211534	52.146	ng		97
20) 3+4-Methylphenols	7.292	107	298468	51.932	ng		92
22) Acetophenone	7.287	105	397508	46.266	ng		98
24) Nitrobenzene	7.463	77	312507	43.886	ng		97
25) Isophorone	7.698	82	576214	50.142	ng		100
26) 2-Nitrophenol	7.775	139	156413	49.566	ng		99
27) 2,4-Dimethylphenol	7.816	122	241013m	63.834	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	346643	49.515	ng		99
29) 2,4-Dichlorophenol	8.022	162	256282	51.226	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	258545	45.261	ng		100
31) Naphthalene	8.181	128	851442	46.905	ng		99
32) Benzoic acid	7.963	122	139304	43.237	ng		99
33) 4-Chloroaniline	8.228	127	169037	31.102	ng		98
34) Hexachlorobutadiene	8.292	225	172049	45.473	ng		99
35) Caprolactam	8.616	113	75991m	49.081	ng		
36) 4-Chloro-3-methylphenol	8.728	107	289187	51.627	ng		100
37) 2-Methylnaphthalene	8.869	142	576699	50.019	ng		100
38) 1-Methylnaphthalene	8.969	142	536326	47.457	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	284847	46.554	ng		99
41) Hexachlorocyclopentadiene	9.022	237	240812	166.425	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	184923	48.164	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	197071	47.295	ng	98
46) 1,1'-Biphenyl	9.333	154	740527	47.456	ng	100
47) 2-Chloronaphthalene	9.363	162	548003	46.347	ng	99
48) 2-Nitroaniline	9.463	65	176250	46.439	ng	96
49) Acenaphthylene	9.780	152	894171	50.051	ng	99
50) Dimethylphthalate	9.639	163	685868	49.827	ng	100
51) 2,6-Dinitrotoluene	9.704	165	147278	47.177	ng	97
52) Acenaphthene	9.951	154	546140	48.112	ng	100
53) 3-Nitroaniline	9.880	138	91829	30.075	ng	95
54) 2,4-Dinitrophenol	9.998	184	159772	96.978	ng	94
55) Dibenzofuran	10.122	168	830496	47.965	ng	99
56) 4-Nitrophenol	10.057	139	181585	87.202	ng	97
57) 2,4-Dinitrotoluene	10.116	165	192190	46.322	ng	94
58) Fluorene	10.469	166	666005	47.921	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	165809	51.777	ng	96
60) Diethylphthalate	10.339	149	700995	50.123	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	339697	49.805	ng	97
62) 4-Nitroaniline	10.498	138	144897	45.247	ng	97
63) Azobenzene	10.616	77	660276	49.854	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	110738	55.713	ng	93
66) n-Nitrosodiphenylamine	10.580	169	582992	50.683	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	206614	51.579	ng	98
68) Hexachlorobenzene	11.016	284	226732	48.883	ng	98
69) Atrazine	11.104	200	190574	58.893	ng	100
70) Pentachlorophenol	11.222	266	200483	98.208	ng	99
71) Phenanthrene	11.433	178	929636	49.720	ng	99
72) Anthracene	11.486	178	944332	51.633	ng	99
73) Carbazole	11.645	167	836612	47.549	ng	100
74) Di-n-butylphthalate	11.963	149	1079841	53.160	ng	99
75) Fluoranthene	12.627	202	985791	48.560	ng	100
77) Benzidine	12.745	184	299256	43.508	ng	99
78) Pyrene	12.857	202	1002775	45.844	ng	100
80) Butylbenzylphthalate	13.463	149	417771	53.018	ng	99
81) Benzo(a)anthracene	14.051	228	802839	51.267	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	176998	37.645	ng	98
83) Chrysene	14.086	228	719172	50.224	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	542156	54.488	ng	98
85) Di-n-octyl phthalate	14.645	149	736757	54.182	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	624611	50.808	ng	99
88) Benzo(b)fluoranthene	15.121	252	647642	54.659	ng	100
89) Benzo(k)fluoranthene	15.151	252	497101	47.943	ng	100
90) Benzo(a)pyrene	15.498	252	517977	53.766	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	517980	51.449	ng	100
92) Benzo(g,h,i)perylene	17.545	276	471729	45.916	ng	99

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

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