Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138442.D
Acq On : 03 Jul 2024 13:09
Operator : CG\JU
Sample : PB161765BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 03 13:39:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161765BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	238524	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	1020839	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	571266	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	960000	20.000	ng		0.00
76) Chrysene-d12	14.033	240	422344	20.000	ng		0.00
86) Perylene-d12	15.504	264	473572	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1790853	124.480	ng		0.02
7) Phenol-d6	6.522	99	2425355	125.146	ng		0.00
23) Nitrobenzene-d5	7.445	82	1605815	81.716	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	569027	121.917	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2553486	71.136	ng		0.00
79) Terphenyl-d14	12.986	244	2359252	76.553	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	220695	32.568	ng		99
3) Pyridine	3.504	79	542262	33.542	ng		97
4) n-Nitrosodimethylamine	3.463	42	458344	45.445	ng		99
6) Aniline	6.540	93	541595	28.637	ng	#	63
8) 2-Chlorophenol	6.663	128	758309	49.099	ng		98
9) Benzaldehyde	6.422	77	309998	25.916	ng		97
10) Phenol	6.534	94	911353	44.138	ng		95
11) bis(2-Chloroethyl)ether	6.616	93	754493	46.526	ng		100
12) 1,3-Dichlorobenzene	6.816	146	709312	40.104	ng		98
13) 1,4-Dichlorobenzene	6.892	146	715577	40.350	ng		98
14) 1,2-Dichlorobenzene	7.045	146	705583	43.097	ng		97
15) Benzyl Alcohol	7.022	79	698577	50.325	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1457206	44.550	ng		93
17) 2-Methylphenol	7.134	107	591185	46.187	ng		94
18) Hexachloroethane	7.387	117	271350	42.421	ng		95
19) n-Nitroso-di-n-propyla...	7.298	70	550751	45.078	ng		97
20) 3+4-Methylphenols	7.287	107	679366	45.680	ng		93
22) Acetophenone	7.287	105	970883	41.922	ng		99
24) Nitrobenzene	7.463	77	834608	41.757	ng		98
25) Isophorone	7.698	82	1595847	44.042	ng		100
26) 2-Nitrophenol	7.775	139	413840	48.002	ng		99
27) 2,4-Dimethylphenol	7.810	122	545409	49.430	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	951873	43.643	ng		99
29) 2,4-Dichlorophenol	8.016	162	620396	43.777	ng		94
30) 1,2,4-Trichlorobenzene	8.098	180	665104	40.364	ng		98
31) Naphthalene	8.181	128	2103719	40.764	ng		99
32) Benzoic acid	7.969	122	525953	51.796	ng		97
33) 4-Chloroaniline	8.228	127	482402	26.765	ng		98
34) Hexachlorobutadiene	8.292	225	374052	37.810	ng		100
35) Caprolactam	8.622	113	207897m	46.457	ng		
36) 4-Chloro-3-methylphenol	8.722	107	684937	45.375	ng		99
37) 2-Methylnaphthalene	8.869	142	1373949	41.194	ng		99
38) 1-Methylnaphthalene	8.969	142	1272789	39.349	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	615966	38.982	ng		99
41) Hexachlorocyclopentadiene	9.016	237	471327	101.336	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	424590	42.229	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	444280	40.630	ng	98
46) 1,1'-Biphenyl	9.339	154	1670556	39.165	ng	99
47) 2-Chloronaphthalene	9.363	162	1274189	39.180	ng	99
48) 2-Nitroaniline	9.463	65	502412	47.892	ng	97
49) Acenaphthylene	9.780	152	1948947	42.611	ng	99
50) Dimethylphthalate	9.645	163	1591022	43.335	ng	100
51) 2,6-Dinitrotoluene	9.704	165	349569	42.513	ng	98
52) Acenaphthene	9.951	154	1420867m	45.369	ng	
53) 3-Nitroaniline	9.875	138	278545	34.299	ng	93
54) 2,4-Dinitrophenol	9.980	184	372626	104.110	ng	99
55) Dibenzofuran	10.122	168	1729669	40.084	ng	98
56) 4-Nitrophenol	10.051	139	537203	102.023	ng	92
57) 2,4-Dinitrotoluene	10.110	165	445685	44.021	ng	96
58) Fluorene	10.463	166	1309922	38.204	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	375578	46.242	ng	100
60) Diethylphthalate	10.339	149	1463737	42.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	653317	37.555	ng	97
62) 4-Nitroaniline	10.498	138	349840	46.933	ng	97
63) Azobenzene	10.616	77	1595303	44.007	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	263714	50.905	ng	79
66) n-Nitrosodiphenylamine	10.575	169	1214233	40.742	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	406854	39.429	ng	94
68) Hexachlorobenzene	11.010	284	441439	38.813	ng	95
69) Atrazine	11.104	200	365255	43.711	ng	99
70) Pentachlorophenol	11.204	266	521539	90.349	ng	98
71) Phenanthrene	11.427	178	1943713	41.469	ng	100
72) Anthracene	11.480	178	1962189	41.978	ng	99
73) Carbazole	11.633	167	1681162	43.321	ng	99
74) Di-n-butylphthalate	11.957	149	2184535	44.419	ng	99
75) Fluoranthene	12.610	202	1848497	43.990	ng	96
77) Benzidine	12.727	184	68897	20.400	ng	98
78) Pyrene	12.839	202	1814723	40.202	ng	97
80) Butylbenzylphthalate	13.451	149	691447	50.339	ng	94
81) Benzo(a)anthracene	14.021	228	1200651	44.167	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	342241	42.642	ng	99
83) Chrysene	14.063	228	1135844	42.940	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	810333	47.042	ng	99
85) Di-n-octyl phthalate	14.621	149	1354305	44.917	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	1316356	55.321	ng	99
88) Benzo(b)fluoranthene	15.074	252	1261203	48.539	ng	98
89) Benzo(k)fluoranthene	15.110	252	1086688	45.407	ng	100
90) Benzo(a)pyrene	15.445	252	1125984	49.441	ng	100
91) Dibenzo(a,h)anthracene	17.004	278	1051491	54.745	ng	99
92) Benzo(g,h,i)perylene	17.433	276	996117	53.014	ng	98

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

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