Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137789.D
Acq On : 01 May 2024 13:13
Operator : CG\JU
Sample : PB160608BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 13:39:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB160608BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.057	152	222851	20.000	ng		0.00
21) Naphthalene-d8	8.345	136	896945	20.000	ng		0.00
39) Acenaphthene-d10	10.110	164	507738	20.000	ng		0.00
64) Phenanthrene-d10	11.604	188	905737	20.000	ng		0.00
76) Chrysene-d12	14.257	240	575011	20.000	ng		0.00
86) Perylene-d12	15.827	264	495872	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	1702534	127.912	ng		0.02
7) Phenol-d6	6.675	99	2114589	125.252	ng		0.00
23) Nitrobenzene-d5	7.622	82	1302546	84.370	ng		0.00
42) 2,4,6-Tribromophenol	10.904	330	691737	133.434	ng		0.00
45) 2-Fluorobiphenyl	9.422	172	2592028	82.822	ng		0.00
79) Terphenyl-d14	13.192	244	2993171	87.236	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	222454	37.115	ng		100
3) Pyridine	3.816	79	570890	39.355	ng		99
4) n-Nitrosodimethylamine	3.787	42	291453	44.618	ng		96
6) Aniline	6.722	93	537700	32.134	ng		98
8) 2-Chlorophenol	6.845	128	696947	48.048	ng		98
9) Benzaldehyde	6.610	77	22633	2.489	ng		96
10) Phenol	6.693	94	814678	47.093	ng		97
11) bis(2-Chloroethyl)ether	6.787	93	611539	45.147	ng		96
12) 1,3-Dichlorobenzene	6.998	146	712519	43.560	ng		97
13) 1,4-Dichlorobenzene	7.075	146	726697	44.276	ng		99
14) 1,2-Dichlorobenzene	7.228	146	692730	44.812	ng		97
15) Benzyl Alcohol	7.192	79	570198	48.838	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	855306	44.923	ng		98
17) 2-Methylphenol	7.298	107	563644	48.157	ng		99
18) Hexachloroethane	7.575	117	250267	45.105	ng		96
19) n-Nitroso-di-n-propyla...	7.463	70	454519	45.049	ng		99
20) 3+4-Methylphenols	7.451	107	713906	46.361	ng	#	89
22) Acetophenone	7.469	105	921085	45.660	ng		98
24) Nitrobenzene	7.640	77	702180	44.130	ng		100
25) Isophorone	7.875	82	1262536	45.357	ng		99
26) 2-Nitrophenol	7.957	139	372423	51.686	ng		96
27) 2,4-Dimethylphenol	7.981	122	533022	51.384	ng		97
28) bis(2-Chloroethoxy)met...	8.081	93	748372	44.404	ng		98
29) 2,4-Dichlorophenol	8.192	162	591883	47.206	ng		100
30) 1,2,4-Trichlorobenzene	8.281	180	606078	44.341	ng		99
31) Naphthalene	8.363	128	1978265	44.381	ng		99
32) Benzoic acid	8.098	122	450747	50.368	ng		99
33) 4-Chloroaniline	8.404	127	257154	15.558	ng		98
34) Hexachlorobutadiene	8.475	225	357054	42.548	ng		100
35) Caprolactam	8.781	113	204345m	51.438	ng		
36) 4-Chloro-3-methylphenol	8.886	107	624685	47.776	ng		99
37) 2-Methylnaphthalene	9.057	142	1294204	44.855	ng		100
38) 1-Methylnaphthalene	9.157	142	1212928	42.729	ng		100
40) 1,2,4,5-Tetrachloroben...	9.222	216	613342	45.609	ng		99
41) Hexachlorocyclopentadiene	9.210	237	696908	127.589	ng		99
43) 2,4,6-Trichlorophenol	9.334	196	443695	48.470	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.375	196	479577	47.447	ng		97
46)	1,1'-Biphenyl	9.522	154	1584654	45.477	ng		99
47)	2-Chloronaphthalene	9.551	162	1248068	44.365	ng		99
48)	2-Nitroaniline	9.645	65	380624	49.887	ng		94
49)	Acenaphthylene	9.969	152	2013079	49.467	ng		100
50)	Dimethylphthalate	9.822	163	1505314	46.963	ng		100
51)	2,6-Dinitrotoluene	9.886	165	342110	46.704	ng		90
52)	Acenaphthene	10.145	154	1338115	49.606	ng		99
53)	3-Nitroaniline	10.057	138	219565	28.623	ng		99
54)	2,4-Dinitrophenol	10.163	184	399087	110.881	ng		93
55)	Dibenzofuran	10.316	168	1794660	45.719	ng		99
56)	4-Nitrophenol	10.210	139	604107	95.020	ng		96
57)	2,4-Dinitrotoluene	10.292	165	475919	49.731	ng		97
58)	Fluorene	10.663	166	1414468	45.276	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.428	232	398370	48.546	ng		100
60)	Diethylphthalate	10.522	149	1402262	46.063	ng		99
61)	4-Chlorophenyl-phenyle...	10.645	204	689824	44.814	ng		98
62)	4-Nitroaniline	10.681	138	353916	45.487	ng		98
63)	Azobenzene	10.810	77	1344599	45.700	ng		95
65)	4,6-Dinitro-2-methylph...	10.698	198	274499	52.802	ng		97
66)	n-Nitrosodiphenylamine	10.769	169	1263664	46.609	ng		99
67)	4-Bromophenyl-phenylether	11.139	248	443679	45.771	ng		98
68)	Hexachlorobenzene	11.210	284	478009	45.125	ng	#	91
69)	Atrazine	11.292	200	420146	50.823	ng		100
70)	Pentachlorophenol	11.404	266	638279	87.766	ng		99
71)	Phenanthrene	11.628	178	2042210	46.259	ng		100
72)	Anthracene	11.680	178	2086406	47.498	ng		99
73)	Carbazole	11.833	167	1918663	45.322	ng		99
74)	Di-n-butylphthalate	12.151	149	2125661	46.031	ng		100
75)	Fluoranthene	12.822	202	2155580	44.668	ng		100
77)	Benzidine	12.933	184	413579	31.099	ng		99
78)	Pyrene	13.057	202	2162767	47.438	ng		100
80)	Butylbenzylphthalate	13.657	149	804306	55.602	ng		98
81)	Benzo(a)anthracene	14.245	228	1802747	49.018	ng		99
82)	3,3'-Dichlorobenzidine	14.204	252	350515	31.836	ng	#	99
83)	Chrysene	14.286	228	1667718	48.430	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.216	149	1051541	57.680	ng	#	97
85)	Di-n-octyl phthalate	14.845	149	1598616	65.157	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.474	276	1422911	50.472	ng		99
88)	Benzo(b)fluoranthene	15.357	252	1440145	46.679	ng		100
89)	Benzo(k)fluoranthene	15.386	252	1407753	47.209	ng		99
90)	Benzo(a)pyrene	15.763	252	1272666	50.563	ng		99
91)	Dibenzo(a,h)anthracene	17.498	278	1140171	49.686	ng		99
92)	Benzo(g,h,i)perylene	17.980	276	1099184	45.693	ng		99

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

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