Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137785.D
Acq On : 01 May 2024 11:11
Operator : CG\JU
Sample : PB160574BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160574BS

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

Quant Time: May 01 12:07:38 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	241964	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	953918	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	548424	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	978498	20.000	ng	0.00
76) Chrysene-d12	14.257	240	633027	20.000	ng	0.00
86) Perylene-d12	15.827	264	518719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1777451	122.992	ng	0.02
7) Phenol-d6	6.681	99	2202104	120.132	ng	0.00
23) Nitrobenzene-d5	7.622	82	1390053	84.661	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	747860	133.557	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2800792	82.854	ng	0.00
79) Terphenyl-d14	13.192	244	3267851	86.512	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	228581	35.124	ng	99
3) Pyridine	3.816	79	584528	37.112	ng	98
4) n-Nitrosodimethylamine	3.781	42	304936	42.994	ng	92
6) Aniline	6.722	93	563018	30.989	ng	99
8) 2-Chlorophenol	6.845	128	732442	46.506	ng	99
9) Benzaldehyde	6.610	77	22919	2.322	ng	97
10) Phenol	6.693	94	841138	44.782	ng	99
11) bis(2-Chloroethyl)ether	6.793	93	663400	45.107	ng	99
12) 1,3-Dichlorobenzene	7.004	146	757110	42.630	ng	97
13) 1,4-Dichlorobenzene	7.075	146	763131	42.823	ng	99
14) 1,2-Dichlorobenzene	7.228	146	729707	43.475	ng	98
15) Benzyl Alcohol	7.192	79	606913	47.877	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	941988	45.568	ng	99
17) 2-Methylphenol	7.298	107	596435	46.933	ng	100
18) Hexachloroethane	7.575	117	266021	44.157	ng	98
19) n-Nitroso-di-n-propyla...	7.469	70	487747	44.524	ng	97
20) 3+4-Methylphenols	7.451	107	753361	45.059	ng	91
22) Acetophenone	7.469	105	973959	45.398	ng	98
24) Nitrobenzene	7.640	77	742813	43.895	ng	99
25) Isophorone	7.881	82	1376468	46.497	ng	98
26) 2-Nitrophenol	7.957	139	400085	52.209	ng	95
27) 2,4-Dimethylphenol	7.981	122	565038	51.217	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	829271	46.266	ng	99
29) 2,4-Dichlorophenol	8.192	162	634806	47.605	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	651250	44.800	ng	99
31) Naphthalene	8.369	128	2116372	44.644	ng	100
32) Benzoic acid	8.098	122	500743	52.612	ng	99
33) 4-Chloroaniline	8.404	127	303192	17.247	ng	99
34) Hexachlorobutadiene	8.475	225	387243	43.389	ng	98
35) Caprolactam	8.781	113	219624m	51.982	ng	
36) 4-Chloro-3-methylphenol	8.887	107	673293	48.418	ng	97
37) 2-Methylnaphthalene	9.057	142	1396281	45.502	ng	100
38) 1-Methylnaphthalene	9.157	142	1297723	42.986	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	657768	45.284	ng	99
41) Hexachlorocyclopentadiene	9.210	237	758534	128.569	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	484425	48.994	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.375	196	513799	47.061	ng		97
46)	1,1'-Biphenyl	9.522	154	1719598	45.689	ng		99
47)	2-Chloronaphthalene	9.551	162	1352166	44.499	ng		99
48)	2-Nitroaniline	9.645	65	411846	49.975	ng		98
49)	Acenaphthylene	9.975	152	2145957	48.820	ng		100
50)	Dimethylphthalate	9.822	163	1655981	47.831	ng		99
51)	2,6-Dinitrotoluene	9.886	165	374535	47.337	ng		94
52)	Acenaphthene	10.145	154	1458246	50.049	ng		99
53)	3-Nitroaniline	10.057	138	244071	29.457	ng		100
54)	2,4-Dinitrophenol	10.163	184	447022	114.985	ng	#	90
55)	Dibenzofuran	10.316	168	1939929	45.753	ng		99
56)	4-Nitrophenol	10.216	139	665467	96.906	ng		95
57)	2,4-Dinitrotoluene	10.292	165	516147	49.934	ng		98
58)	Fluorene	10.663	166	1536038	45.520	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.428	232	439474	49.582	ng		100
60)	Diethylphthalate	10.522	149	1565866	47.621	ng		100
61)	4-Chlorophenyl-phenyle...	10.645	204	759472	45.678	ng		97
62)	4-Nitroaniline	10.681	138	386746	46.018	ng		98
63)	Azobenzene	10.810	77	1476806	46.469	ng		97
65)	4,6-Dinitro-2-methylph...	10.704	198	299957	53.409	ng		87
66)	n-Nitrosodiphenylamine	10.769	169	1378707	47.071	ng		100
67)	4-Bromophenyl-phenylether	11.139	248	490572	46.846	ng		95
68)	Hexachlorobenzene	11.210	284	519558	45.400	ng		95
69)	Atrazine	11.292	200	455482	51.001	ng		98
70)	Pentachlorophenol	11.404	266	699989	89.094	ng		100
71)	Phenanthrene	11.633	178	2185433	45.822	ng		100
72)	Anthracene	11.686	178	2242744	47.261	ng		100
73)	Carbazole	11.833	167	2105453	46.037	ng		99
74)	Di-n-butylphthalate	12.151	149	2400007	48.107	ng		100
75)	Fluoranthene	12.822	202	2335444	44.797	ng		99
77)	Benzidine	12.939	184	430002	29.371	ng		98
78)	Pyrene	13.057	202	2379088	47.400	ng		99
80)	Butylbenzylphthalate	13.663	149	911093	57.212	ng		93
81)	Benzo(a)anthracene	14.245	228	2006277	49.552	ng		100
82)	3,3'-Dichlorobenzidine	14.204	252	392494	32.382	ng		99
83)	Chrysene	14.286	228	1851254	48.833	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.216	149	1203005	59.941	ng	#	97
85)	Di-n-octyl phthalate	14.845	149	1838158	68.054	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.474	276	1464161	49.648	ng		100
88)	Benzo(b)fluoranthene	15.357	252	1659270	51.413	ng		99
89)	Benzo(k)fluoranthene	15.392	252	1492539	47.848	ng		99
90)	Benzo(a)pyrene	15.763	252	1379881	52.408	ng		99
91)	Dibenzo(a,h)anthracene	17.498	278	1180230	49.167	ng		98
92)	Benzo(g,h,i)perylene	17.980	276	1144396	45.477	ng		99

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

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