Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138695.D
Acq On : 31 Jul 2024 11:01
Operator : RC/JU
Sample : PB162317BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 11:34:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162317BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	83818	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	354025	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	189558	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	343000	20.000	ng		0.00
76) Chrysene-d12	14.010	240	165422	20.000	ng		0.00
86) Perylene-d12	15.468	264	151993	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	510351	93.990	ng		0.01
7) Phenol-d6	6.486	99	679731	93.240	ng		0.00
23) Nitrobenzene-d5	7.410	82	647918	89.478	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	158108	101.826	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1119549	88.739	ng		0.00
79) Terphenyl-d14	12.951	244	1126585	114.024	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	93752	39.438	ng		99
3) Pyridine	3.457	79	237426	41.229	ng		96
4) n-Nitrosodimethylamine	3.422	42	168079	49.006	ng		99
6) Aniline	6.510	93	272373	41.894	ng	#	85
8) 2-Chlorophenol	6.634	128	286895	50.220	ng		98
9) Benzaldehyde	6.398	77	29441	6.737	ng		98
10) Phenol	6.498	94	376662	49.072	ng		96
11) bis(2-Chloroethyl)ether	6.581	93	280268	47.450	ng		98
12) 1,3-Dichlorobenzene	6.786	146	286088	44.737	ng		99
13) 1,4-Dichlorobenzene	6.863	146	291010	45.093	ng		99
14) 1,2-Dichlorobenzene	7.016	146	278951	46.251	ng		99
15) Benzyl Alcohol	6.992	79	275822	52.494	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	488842	48.090	ng		97
17) 2-Methylphenol	7.104	107	238668	50.594	ng		97
18) Hexachloroethane	7.351	117	111296	45.815	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	222737	50.586	ng		96
20) 3+4-Methylphenols	7.257	107	294882	48.720	ng		92
22) Acetophenone	7.257	105	395267	45.599	ng		98
24) Nitrobenzene	7.433	77	325105	44.122	ng		98
25) Isophorone	7.669	82	607147	49.104	ng		99
26) 2-Nitrophenol	7.745	139	154384	48.700	ng		99
27) 2,4-Dimethylphenol	7.786	122	258984m	68.282	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	360204	47.839	ng		99
29) 2,4-Dichlorophenol	7.992	162	234577	48.130	ng		100
30) 1,2,4-Trichlorobenzene	8.069	180	251684	44.748	ng		98
31) Naphthalene	8.151	128	844726	45.331	ng		100
32) Benzoic acid	7.928	122	144420	48.439	ng		98
33) 4-Chloroaniline	8.198	127	195896	31.317	ng		99
34) Hexachlorobutadiene	8.263	225	151081	44.348	ng		96
35) Caprolactam	8.580	113	75258m	51.749	ng		
36) 4-Chloro-3-methylphenol	8.686	107	275080	49.386	ng		97
37) 2-Methylnaphthalene	8.839	142	540745	45.947	ng		99
38) 1-Methylnaphthalene	8.939	142	508813	44.120	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	242091	45.975	ng		98
41) Hexachlorocyclopentadiene	8.986	237	255478	174.308	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	155661	48.484	ng		99

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44) 2,4,5-Trichlorophenol	9.175	196	169365	48.255	ng	98
46) 1,1'-Biphenyl	9.304	154	690894	46.538	ng	99
47) 2-Chloronaphthalene	9.327	162	508698	46.072	ng	100
48) 2-Nitroaniline	9.427	65	189077	50.513	ng	98
49) Acenaphthylene	9.745	152	775581	49.526	ng	99
50) Dimethylphthalate	9.610	163	629106	51.904	ng	99
51) 2,6-Dinitrotoluene	9.675	165	139808	51.111	ng	100
52) Acenaphthene	9.916	154	501121	47.604	ng	100
53) 3-Nitroaniline	9.839	138	99472	35.177	ng	99
54) 2,4-Dinitrophenol	9.957	184	147988	117.526	ng	93
55) Dibenzofuran	10.092	168	728900	49.052	ng	99
56) 4-Nitrophenol	10.016	139	196376	115.482	ng	99
57) 2,4-Dinitrotoluene	10.080	165	178964	51.280	ng	91
58) Fluorene	10.433	166	578526	48.889	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	148036	55.169	ng	98
60) Diethylphthalate	10.310	149	599938	52.203	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	281813	48.422	ng	99
62) 4-Nitroaniline	10.463	138	136798	50.906	ng	98
63) Azobenzene	10.580	77	635014	49.820	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	104743	50.054	ng	95
66) n-Nitrosodiphenylamine	10.545	169	505024	47.104	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	168903	45.482	ng	98
68) Hexachlorobenzene	10.980	284	175244	45.704	ng	96
69) Atrazine	11.074	200	168339	60.857	ng	99
70) Pentachlorophenol	11.180	266	167714	97.040	ng	97
71) Phenanthrene	11.392	178	845573	47.876	ng	100
72) Anthracene	11.445	178	841801	48.381	ng	99
73) Carbazole	11.604	167	726745	48.414	ng	100
74) Di-n-butylphthalate	11.927	149	910446	53.952	ng	100
75) Fluoranthene	12.580	202	796432	48.303	ng	100
77) Benzidine	12.704	184	117141	29.606	ng	99
78) Pyrene	12.810	202	783111	50.280	ng	99
80) Butylbenzylphthalate	13.421	149	264379	53.008	ng	99
81) Benzo(a)anthracene	13.998	228	549429	48.232	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	132962	45.612	ng	97
83) Chrysene	14.033	228	483087	47.006	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	324842	44.478	ng	100
85) Di-n-octyl phthalate	14.592	149	561032	41.519	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	527884	48.464	ng	100
88) Benzo(b)fluoranthene	15.045	252	485593	51.538	ng	99
89) Benzo(k)fluoranthene	15.074	252	450581	55.233	ng	99
90) Benzo(a)pyrene	15.409	252	409287	51.643	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	439198	49.120	ng	99
92) Benzo(g,h,i)perylene	17.386	276	426515	45.969	ng	99

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

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