Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139624.D
Acq On : 03 Oct 2024 11:48
Operator : RC/JU
Sample : PB163732BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 12:14:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163732BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	99580	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	399223	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	232018	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	445543	20.000	ng	0.00
76) Chrysene-d12	14.033	240	242887	20.000	ng	0.00
86) Perylene-d12	15.504	264	211967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	815904	142.013	ng	0.02
7) Phenol-d6	6.510	99	1099193	142.269	ng	0.00
23) Nitrobenzene-d5	7.434	82	720299	91.350	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	310887	138.804	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1349575	89.297	ng	0.00
79) Terphenyl-d14	12.980	244	1498742	101.248	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	104138	41.925	ng	96
3) Pyridine	3.499	79	287078	47.521	ng	99
4) n-Nitrosodimethylamine	3.457	42	196180	49.612	ng	97
6) Aniline	6.534	93	375832	54.818	ng	95
8) 2-Chlorophenol	6.657	128	325075	52.811	ng	98
9) Benzaldehyde	6.416	77	56695	13.853	ng	97
10) Phenol	6.522	94	418285	51.487	ng	83
11) bis(2-Chloroethyl)ether	6.604	93	313752	47.432	ng	99
12) 1,3-Dichlorobenzene	6.810	146	324359	46.842	ng	99
13) 1,4-Dichlorobenzene	6.887	146	333507	47.554	ng	99
14) 1,2-Dichlorobenzene	7.040	146	316695	48.181	ng	99
15) Benzyl Alcohol	7.016	79	314598	53.292	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	572676	50.010	ng	86
17) 2-Methylphenol	7.128	107	264495	51.471	ng	98
18) Hexachloroethane	7.381	117	123925	47.373	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	246466	49.618	ng	99
20) 3+4-Methylphenols	7.281	107	331844	51.413	ng	94
22) Acetophenone	7.281	105	443116	46.760	ng	99
24) Nitrobenzene	7.457	77	376011	46.052	ng	99
25) Isophorone	7.692	82	684686	48.889	ng	99
26) 2-Nitrophenol	7.769	139	175613	50.031	ng	99
27) 2,4-Dimethylphenol	7.804	122	261137m	60.771	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	394630	47.189	ng	100
29) 2,4-Dichlorophenol	8.010	162	278893	49.759	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	281867	44.469	ng	98
31) Naphthalene	8.175	128	951712	46.626	ng	100
32) Benzoic acid	7.945	122	212411	49.712	ng	99
33) 4-Chloroaniline	8.222	127	225484	32.635	ng	99
34) Hexachlorobutadiene	8.287	225	182108	44.396	ng	100
35) Caprolactam	8.604	113	93713m	50.977	ng	
36) 4-Chloro-3-methylphenol	8.710	107	319477	50.353	ng	100
37) 2-Methylnaphthalene	8.863	142	633181	47.629	ng	100
38) 1-Methylnaphthalene	8.963	142	593146	45.646	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	294826	45.760	ng	97
41) Hexachlorocyclopentadiene	9.016	237	346405	175.347	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	216257	49.791	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	223282	47.670	ng	99
46) 1,1'-Biphenyl	9.328	154	800417	46.383	ng	99
47) 2-Chloronaphthalene	9.357	162	596861	46.136	ng	99
48) 2-Nitroaniline	9.451	65	237984	51.246	ng	98
49) Acenaphthylene	9.769	152	1001369	50.898	ng	100
50) Dimethylphthalate	9.633	163	752079	49.518	ng	100
51) 2,6-Dinitrotoluene	9.698	165	165071	48.113	ng	95
52) Acenaphthene	9.945	154	722368m	53.484	ng	
53) 3-Nitroaniline	9.863	138	136004	38.790	ng	98
54) 2,4-Dinitrophenol	9.975	184	210516	114.078	ng	99
55) Dibenzofuran	10.116	168	908873	48.061	ng	99
56) 4-Nitrophenol	10.033	139	271724	101.628	ng	99
57) 2,4-Dinitrotoluene	10.104	165	224573	50.076	ng	97
58) Fluorene	10.457	166	721375	47.894	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	194555	51.428	ng	99
60) Diethylphthalate	10.333	149	771266	49.164	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	351619	46.663	ng	99
62) 4-Nitroaniline	10.486	138	178322	49.723	ng	99
63) Azobenzene	10.610	77	779073	49.382	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	130859	52.004	ng	99
66) n-Nitrosodiphenylamine	10.569	169	639833	48.720	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	213732	46.787	ng	98
68) Hexachlorobenzene	11.004	284	238207	46.992	ng	99
69) Atrazine	11.098	200	212273	60.243	ng	98
70) Pentachlorophenol	11.204	266	279463	92.588	ng	99
71) Phenanthrene	11.422	178	1027286	48.900	ng	100
72) Anthracene	11.475	178	1044520	50.259	ng	100
73) Carbazole	11.627	167	971420	48.666	ng	100
74) Di-n-butylphthalate	11.951	149	1206750	49.715	ng	100
75) Fluoranthene	12.610	202	1098014	47.814	ng	99
77) Benzidine	12.727	184	407369	95.086	ng	100
78) Pyrene	12.839	202	1101676	50.713	ng	99
80) Butylbenzylphthalate	13.451	149	429247	55.242	ng	100
81) Benzo(a)anthracene	14.021	228	822825	51.527	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	204060	41.754	ng	99
83) Chrysene	14.063	228	715387	49.000	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	558903	57.602	ng	100
85) Di-n-octyl phthalate	14.621	149	799526	56.089	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	658867	52.811	ng	100
88) Benzo(b)fluoranthene	15.074	252	695342	50.735	ng	100
89) Benzo(k)fluoranthene	15.104	252	550026	47.310	ng	99
90) Benzo(a)pyrene	15.445	252	574938	53.202	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	541966	52.376	ng	99
92) Benzo(g,h,i)perylene	17.427	276	494060	47.608	ng	99

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

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