Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137807.D
Acq On : 02 May 2024 10:39
Operator : CG\JU
Sample : PB160657BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 11:46:43 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 :
PB160657BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/03/2024
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	194525	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	765918	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	438837	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	768485	20.000	ng	0.00
76) Chrysene-d12	14.251	240	495204	20.000	ng	0.00
86) Perylene-d12	15.821	264	423753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	1473979	126.866	ng	0.02
7) Phenol-d6	6.675	99	1840130	124.867	ng	0.00
23) Nitrobenzene-d5	7.622	82	1128679	85.615	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	620947	138.585	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2318014	85.696	ng	0.00
79) Terphenyl-d14	13.186	244	2696253	91.246	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	191698	36.640	ng	99
3) Pyridine	3.828	79	475277	37.535	ng	97
4) n-Nitrosodimethylamine	3.793	42	238275	41.789	ng	98
6) Aniline	6.722	93	475334	32.543	ng	98
8) 2-Chlorophenol	6.840	128	580538	45.850	ng	99
9) Benzaldehyde	6.610	77	16570	2.088	ng	97
10) Phenol	6.687	94	665292	44.058	ng	96
11) bis(2-Chloroethyl)ether	6.787	93	511488	43.259	ng	98
12) 1,3-Dichlorobenzene	6.998	146	602435	42.193	ng	98
13) 1,4-Dichlorobenzene	7.075	146	615721	42.977	ng	99
14) 1,2-Dichlorobenzene	7.228	146	585584	43.397	ng	99
15) Benzyl Alcohol	7.193	79	472427	46.356	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	676494	40.705	ng	98
17) 2-Methylphenol	7.298	107	470956	46.097	ng	98
18) Hexachloroethane	7.569	117	206177	42.569	ng	97
19) n-Nitroso-di-n-propyla...	7.463	70	377474	42.861	ng	98
20) 3+4-Methylphenols	7.445	107	599446	44.597	ng	95
22) Acetophenone	7.463	105	770182	44.711	ng	99
24) Nitrobenzene	7.640	77	573705	42.224	ng	96
25) Isophorone	7.875	82	1039907	43.750	ng	99
26) 2-Nitrophenol	7.951	139	315695	51.308	ng	91
27) 2,4-Dimethylphenol	7.981	122	440983	49.784	ng	99
28) bis(2-Chloroethoxy)met...	8.081	93	620056	43.085	ng	99
29) 2,4-Dichlorophenol	8.192	162	496459	46.369	ng	98
30) 1,2,4-Trichlorobenzene	8.281	180	511524	43.825	ng	99
31) Naphthalene	8.363	128	1667687	43.814	ng	99
32) Benzoic acid	8.092	122	390369	51.083	ng	93
33) 4-Chloroaniline	8.404	127	281369	19.935	ng	99
34) Hexachlorobutadiene	8.475	225	304255	42.458	ng	100
35) Caprolactam	8.775	113	161149m	47.504	ng	
36) 4-Chloro-3-methylphenol	8.881	107	523611	46.896	ng	94
37) 2-Methylnaphthalene	9.057	142	1104120	44.813	ng	99
38) 1-Methylnaphthalene	9.157	142	1021745	42.152	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	518309	44.594	ng	99
41) Hexachlorocyclopentadiene	9.204	237	611990	129.634	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	365854	46.242	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	393701	45.066	ng	98
46) 1,1'-Biphenyl	9.522	154	1334994	44.327	ng	99
47) 2-Chloronaphthalene	9.551	162	1043465	42.915	ng	100
48) 2-Nitroaniline	9.639	65	315182	47.796	ng	99
49) Acenaphthylene	9.969	152	1677267	47.686	ng	100
50) Dimethylphthalate	9.816	163	1270227	45.851	ng	99
51) 2,6-Dinitrotoluene	9.881	165	290567	45.895	ng	95
52) Acenaphthene	10.139	154	1129678	48.455	ng	99
53) 3-Nitroaniline	10.051	138	199543	30.097	ng	94
54) 2,4-Dinitrophenol	10.157	184	336859	108.286	ng	91
55) Dibenzofuran	10.316	168	1534411	45.226	ng	98
56) 4-Nitrophenol	10.210	139	494426	89.978	ng	98
57) 2,4-Dinitrotoluene	10.286	165	398587	48.190	ng	99
58) Fluorene	10.657	166	1186149	43.929	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	330598	46.612	ng	98
60) Diethylphthalate	10.522	149	1180304	44.859	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	592576	44.540	ng	96
62) 4-Nitroaniline	10.675	138	292690	43.524	ng	95
63) Azobenzene	10.804	77	1119775	44.034	ng	98
65) 4,6-Dinitro-2-methylph...	10.698	198	230699	52.303	ng	84
66) n-Nitrosodiphenylamine	10.763	169	1054008	45.819	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	374256	45.505	ng	96
68) Hexachlorobenzene	11.204	284	402534	44.787	ng	97
69) Atrazine	11.286	200	345085	49.199	ng	97
70) Pentachlorophenol	11.398	266	536857	87.004	ng	99
71) Phenanthrene	11.628	178	1703567	45.480	ng	100
72) Anthracene	11.680	178	1744887	46.818	ng	99
73) Carbazole	11.828	167	1610343	44.833	ng	99
74) Di-n-butylphthalate	12.145	149	1816877	46.371	ng	99
75) Fluoranthene	12.822	202	1799742	43.955	ng	99
77) Benzidine	12.933	184	394233	34.422	ng	99
78) Pyrene	13.051	202	1823167	46.434	ng	100
80) Butylbenzylphthalate	13.657	149	694701	55.765	ng	95
81) Benzo(a)anthracene	14.239	228	1495980	47.232	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	322050	33.965	ng	98
83) Chrysene	14.280	228	1382718	46.625	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	902510	57.484	ng	98
85) Di-n-octyl phthalate	14.839	149	1316131	62.289	ng	98
87) Indeno(1,2,3-cd)pyrene	17.462	276	1190542	49.417	ng	98
88) Benzo(b)fluoranthene	15.351	252	1182929	44.868	ng	99
89) Benzo(k)fluoranthene	15.380	252	1172615	46.016	ng	99
90) Benzo(a)pyrene	15.757	252	1048965	48.768	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	954450	48.672	ng	99
92) Benzo(g,h,i)perylene	17.962	276	905245	44.035	ng	99

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

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