Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
Data File : BF137453.D
Acq On : 01 Mar 2024 11:25
Operator : CG\JU
Sample : PB159365BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 01 12:58:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 12:53:33 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159365BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	235794	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	944967	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	523635	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	934791	20.000	ng		0.00
76) Chrysene-d12	14.069	240	488254	20.000	ng		0.00
86) Perylene-d12	15.604	264	440898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	1969506	126.504	ng		0.02
7) Phenol-d6	6.534	99	2763263	122.960	ng		0.00
23) Nitrobenzene-d5	7.445	82	1755517	86.319	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	664083	144.415	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2779024	83.077	ng		0.00
79) Terphenyl-d14	13.010	244	3116188	87.764	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.852	88	318278	37.388	ng		100
3) Pyridine	3.616	79	734711	35.786	ng		100
4) n-Nitrosodimethylamine	3.599	42	383025	46.209	ng		99
6) Aniline	6.557	93	675022	24.582	ng		98
8) 2-Chlorophenol	6.675	128	790446	48.136	ng		97
9) Benzaldehyde	6.440	77	104615	9.502	ng		99
10) Phenol	6.545	94	1051296	43.463	ng		94
11) bis(2-Chloroethyl)ether	6.628	93	803229	45.316	ng		99
12) 1,3-Dichlorobenzene	6.822	146	807775	46.035	ng		99
13) 1,4-Dichlorobenzene	6.898	146	832360	46.362	ng		98
14) 1,2-Dichlorobenzene	7.045	146	781441	47.421	ng		100
15) Benzyl Alcohol	7.028	79	735106	52.543	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1354856	44.468	ng		91
17) 2-Methylphenol	7.140	107	665286	43.297	ng		96
18) Hexachloroethane	7.387	117	282737	47.828	ng		97
19) n-Nitroso-di-n-propyla...	7.298	70	604292	43.545	ng		97
20) 3+4-Methylphenols	7.292	107	761465	43.270	ng		94
22) Acetophenone	7.292	105	1047689	45.823	ng	#	94
24) Nitrobenzene	7.463	77	923263	45.191	ng		100
25) Isophorone	7.698	82	1778494	46.030	ng		100
26) 2-Nitrophenol	7.775	139	405601	50.006	ng		98
27) 2,4-Dimethylphenol	7.816	122	595329	39.281	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	1045210	46.105	ng		99
29) 2,4-Dichlorophenol	8.016	162	662873	47.656	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	684694	46.776	ng		99
31) Naphthalene	8.181	128	2238982	44.161	ng		100
32) Benzoic acid	7.963	122	428526	48.954	ng		99
33) 4-Chloroaniline	8.228	127	316068	15.898	ng		97
34) Hexachlorobutadiene	8.292	225	395686	45.788	ng		100
35) Caprolactam	8.610	113	222359m	47.145	ng		
36) 4-Chloro-3-methylphenol	8.722	107	739937	47.590	ng		99
37) 2-Methylnaphthalene	8.869	142	1398244	43.261	ng		100
38) 1-Methylnaphthalene	8.969	142	1320133	43.371	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	670192	45.845	ng		99
41) Hexachlorocyclopentadiene	9.022	237	566381	93.400	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	460167	48.338	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	487876	44.489	ng	98
46) 1,1'-Biphenyl	9.339	154	1705960	44.512	ng	100
47) 2-Chloronaphthalene	9.363	162	1353489	46.321	ng	99
48) 2-Nitroaniline	9.463	65	483272	48.660	ng	94
49) Acenaphthylene	9.781	152	2147126	45.916	ng	99
50) Dimethylphthalate	9.645	163	1650324	45.275	ng	98
51) 2,6-Dinitrotoluene	9.710	165	366587	48.083	ng	90
52) Acenaphthene	9.951	154	1212942	43.448	ng	98
53) 3-Nitroaniline	9.875	138	245283	30.416	ng	100
54) 2,4-Dinitrophenol	9.986	184	367151	96.807	ng	95
55) Dibenzofuran	10.128	168	1851488	43.544	ng	98
56) 4-Nitrophenol	10.051	139	554700	95.738	ng	93
57) 2,4-Dinitrotoluene	10.116	165	449061	47.942	ng	92
58) Fluorene	10.469	166	1416122	43.366	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	419410m	47.693	ng	
60) Diethylphthalate	10.351	149	1558195	45.268	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	687183	42.939	ng	95
62) 4-Nitroaniline	10.504	138	332417	47.960	ng	95
63) Azobenzene	10.622	77	1796408	45.322	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	261518	50.195	ng	99
66) n-Nitrosodiphenylamine	10.586	169	1295016	43.022	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	449021	44.102	ng	95
68) Hexachlorobenzene	11.016	284	485711	47.232	ng	93
69) Atrazine	11.122	200	391163	42.747	ng	98
70) Pentachlorophenol	11.216	266	557727	89.716	ng	99
71) Phenanthrene	11.433	178	2181858	42.888	ng	99
72) Anthracene	11.486	178	2229087	42.662	ng	100
73) Carbazole	11.645	167	1975365	44.137	ng	100
74) Di-n-butylphthalate	11.980	149	2378120	44.661	ng	98
75) Fluoranthene	12.627	202	2145942	43.154	ng	99
77) Benzidine	12.763	184	236050	19.755	ng	98
78) Pyrene	12.863	202	2171455	45.325	ng	100
80) Butylbenzylphthalate	13.492	149	633516	51.778	ng	99
81) Benzo(a)anthracene	14.057	228	1538184	44.948	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	366509	40.218	ng	99
83) Chrysene	14.098	228	1563159	45.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	796074	51.190	ng	100
85) Di-n-octyl phthalate	14.686	149	1368887	45.945	ng	100
87) Indeno(1,2,3-cd)pyrene	17.209	276	1458972	50.285	ng	99
88) Benzo(b)fluoranthene	15.145	252	1385468	53.122	ng	99
89) Benzo(k)fluoranthene	15.180	252	1256416	44.851	ng	99
90) Benzo(a)pyrene	15.539	252	1210557	47.101	ng	100
91) Dibenzo(a,h)anthracene	17.233	278	1190098	50.564	ng	99
92) Benzo(g,h,i)perylene	17.698	276	1171915	48.483	ng	100

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

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