Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128517.D
Acq On : 27 May 2022 18:55
Operator : CG\JU
Sample : N2930-11MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 27 23:19:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	245649	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	929539	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	501130	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	891133	20.000	ng		0.00
76) Chrysene-d12	14.010	240	551412	20.000	ng		0.00
86) Perylene-d12	15.468	264	481584	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1290797	87.038	ng		0.02
7) Phenol-d6	6.469	99	1685098	89.116	ng		0.00
23) Nitrobenzene-d5	7.404	82	1097833	68.133	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	436145	91.437	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1926122	62.444	ng		0.00
79) Terphenyl-d14	12.957	244	1864750	65.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	293578	44.395	ng		98
3) Pyridine	3.522	79	739855	43.215	ng		97
4) n-Nitrosodimethylamine	3.463	42	457810	51.029	ng	#	97
6) Aniline	6.504	93	700269	31.736	ng		99
8) 2-Chlorophenol	6.622	128	747447	48.606	ng		97
9) Benzaldehyde	6.392	77	486807	72.282	ng		99
10) Phenol	6.481	94	858709m	45.829	ng		
11) bis(2-Chloroethyl)ether	6.581	93	704752	45.946	ng		97
12) 1,3-Dichlorobenzene	6.781	146	796289	45.577	ng		99
13) 1,4-Dichlorobenzene	6.857	146	804572	45.529	ng		100
14) 1,2-Dichlorobenzene	7.010	146	776408	47.736	ng		99
15) Benzyl Alcohol	6.981	79	678360	47.037	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1217401	44.846	ng		99
17) 2-Methylphenol	7.092	107	616716	47.121	ng		98
18) Hexachloroethane	7.351	117	296338	47.539	ng		93
19) n-Nitroso-di-n-propyla...	7.257	70	510727	44.052	ng		98
20) 3+4-Methylphenols	7.245	107	690076	43.644	ng		91
22) Acetophenone	7.251	105	948608	44.258	ng	#	92
24) Nitrobenzene	7.422	77	794808	49.894	ng		100
25) Isophorone	7.663	82	1479021	49.757	ng		100
26) 2-Nitrophenol	7.739	139	378002	56.775	ng		98
27) 2,4-Dimethylphenol	7.775	122	713293	53.900	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	866111	44.897	ng		99
29) 2,4-Dichlorophenol	7.975	162	633028	46.221	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	663433	44.721	ng		98
31) Naphthalene	8.145	128	2066570	45.424	ng		100
32) Benzoic acid	7.910	122	518172	55.391	ng		99
33) 4-Chloroaniline	8.186	127	240208	13.260	ng		98
34) Hexachlorobutadiene	8.263	225	418046	44.632	ng		99
35) Caprolactam	8.575	113	177615m	42.057	ng		
36) 4-Chloro-3-methylphenol	8.675	107	656483	46.660	ng		98
37) 2-Methylnaphthalene	8.833	142	1328355	46.257	ng		99
38) 1-Methylnaphthalene	8.933	142	1275159	45.656	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	594318	43.188	ng		99
41) Hexachlorocyclopentadiene	8.992	237	828585	107.114	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	473989	46.708	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	468474	44.804	ng		96
46) 1,1'-Biphenyl	9.304	154	1589737	45.178	ng		98
47) 2-Chloronaphthalene	9.328	162	1261319	45.662	ng		98
48) 2-Nitroaniline	9.422	65	429746	55.948	ng		100
49) Acenaphthylene	9.745	152	2032110	47.888	ng		99
50) Dimethylphthalate	9.610	163	1467964	45.159	ng		100
51) 2,6-Dinitrotoluene	9.669	165	330582	55.490	ng		94
52) Acenaphthene	9.916	154	1346028m	51.411	ng		
53) 3-Nitroaniline	9.833	138	184965	26.884	ng	#	94
54) 2,4-Dinitrophenol	9.939	184	330387	106.837	ng		97
55) Dibenzofuran	10.092	168	1710136	44.024	ng		99
56) 4-Nitrophenol	9.998	139	558478	100.033	ng		84
57) 2,4-Dinitrotoluene	10.075	165	426978	59.907	ng		96
58) Fluorene	10.433	166	1249204	44.670	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	375781	44.348	ng		99
60) Diethylphthalate	10.310	149	1388269	43.964	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	608300	42.872	ng		99
62) 4-Nitroaniline	10.457	138	341474	51.839	ng		99
63) Azobenzene	10.586	77	1414000	43.985	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	213994	51.509	ng		82
66) n-Nitrosodiphenylamine	10.545	169	1215642	45.564	ng		100
67) 4-Bromophenyl-phenylether	10.916	248	411024	44.642	ng		98
68) Hexachlorobenzene	10.974	284	469782	46.205	ng		99
69) Atrazine	11.074	200	394677	47.665	ng		98
70) Pentachlorophenol	11.169	266	527313	85.108	ng		98
71) Phenanthrene	11.392	178	1895867	44.911	ng		99
72) Anthracene	11.445	178	1923165	45.609	ng		100
73) Carbazole	11.598	167	1772469	43.861	ng		99
74) Di-n-butylphthalate	11.933	149	2082338	43.781	ng		100
75) Fluoranthene	12.580	202	2025495	44.880	ng		100
77) Benzidine	12.704	184	948224	74.554	ng		99
78) Pyrene	12.810	202	2037863	49.057	ng		100
80) Butylbenzylphthalate	13.433	149	825582	47.118	ng		99
81) Benzo(a)anthracene	13.998	228	1490722	45.484	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	318102	37.904	ng		97
83) Chrysene	14.039	228	1517674	45.216	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	939268	44.321	ng		98
85) Di-n-octyl phthalate	14.610	149	1618124	43.376	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1365221	48.064	ng		99
88) Benzo(b)fluoranthene	15.045	252	1504677	50.226	ng		99
89) Benzo(k)fluoranthene	15.080	252	1266692	45.636	ng		98
90) Benzo(a)pyrene	15.409	252	1293018	53.796	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	1180713	50.134	ng		99
92) Benzo(g,h,i)perylene	17.380	276	1200469	51.391	ng		99

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

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