Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128567.D
Acq On : 29 May 2022 13:06
Operator : CG\JU
Sample : N2951-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 30 00:50:29 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 :
P035-SS001-1218-01MSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	159516	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	613569	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	339421	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	583266	20.000	ng		0.00
76) Chrysene-d12	14.010	240	335403	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	319191	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	612590	63.611	ng		0.01
7) Phenol-d6	6.469	99	820658	66.835	ng		0.00
23) Nitrobenzene-d5	7.404	82	552045	51.904	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	246616	76.335	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1070363	51.233	ng		0.00
79) Terphenyl-d14	12.951	244	1037020	59.734	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	182088	42.404	ng		98
3) Pyridine	3.463	79	467055	42.011	ng		96
4) n-Nitrosodimethylamine	3.428	42	305106	52.371	ng	#	92
6) Aniline	6.504	93	639468	44.629	ng		99
8) 2-Chlorophenol	6.622	128	508498	50.923	ng		97
9) Benzaldehyde	6.393	77	324608	75.673	ng		99
10) Phenol	6.481	94	608428m	50.005	ng		
11) bis(2-Chloroethyl)ether	6.575	93	476713	47.861	ng		100
12) 1,3-Dichlorobenzene	6.781	146	550824	48.551	ng		97
13) 1,4-Dichlorobenzene	6.857	146	560819	48.871	ng		99
14) 1,2-Dichlorobenzene	7.010	146	534180	50.577	ng		100
15) Benzyl Alcohol	6.981	79	474483	50.665	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	825621	46.836	ng		98
17) 2-Methylphenol	7.093	107	414383	48.757	ng		95
18) Hexachloroethane	7.351	117	211444	52.236	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	361596	48.029	ng		97
20) 3+4-Methylphenols	7.245	107	491333	47.853	ng	#	86
22) Acetophenone	7.251	105	690434	48.802	ng		93
24) Nitrobenzene	7.422	77	563876	53.626	ng		100
25) Isophorone	7.663	82	1034607	52.731	ng		98
26) 2-Nitrophenol	7.740	139	262396	59.707	ng		98
27) 2,4-Dimethylphenol	7.775	122	487575	55.817	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	601158	47.210	ng		99
29) 2,4-Dichlorophenol	7.981	162	436646	48.301	ng		96
30) 1,2,4-Trichlorobenzene	8.063	180	473924	48.398	ng		100
31) Naphthalene	8.145	128	1456939	48.516	ng		99
32) Benzoic acid	7.904	122	346798	56.162	ng		98
33) 4-Chloroaniline	8.192	127	373005	31.195	ng		99
34) Hexachlorobutadiene	8.263	225	313996	50.786	ng		98
35) Caprolactam	8.575	113	131709m	47.248	ng		
36) 4-Chloro-3-methylphenol	8.675	107	467553	50.345	ng		98
37) 2-Methylnaphthalene	8.834	142	930137	49.070	ng		97
38) 1-Methylnaphthalene	8.934	142	893434	48.462	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	447175	47.977	ng		99
41) Hexachlorocyclopentadiene	8.992	237	591102	112.820	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	328763	47.832	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	336505	47.515	ng	#	95
46) 1,1'-Biphenyl	9.304	154	1153287	48.390	ng		99
47) 2-Chloronaphthalene	9.328	162	899984	48.104	ng		99
48) 2-Nitroaniline	9.422	65	310803	59.741	ng		96
49) Acenaphthylene	9.745	152	1434947	49.926	ng		100
50) Dimethylphthalate	9.610	163	1069373	48.570	ng		99
51) 2,6-Dinitrotoluene	9.669	165	232596	57.644	ng		94
52) Acenaphthene	9.916	154	956870m	53.959	ng		
53) 3-Nitroaniline	9.834	138	179984	38.623	ng		98
54) 2,4-Dinitrophenol	9.939	184	227467	108.487	ng		93
55) Dibenzofuran	10.086	168	1225943	46.595	ng		94
56) 4-Nitrophenol	9.998	139	374774	99.110	ng	#	76
57) 2,4-Dinitrotoluene	10.069	165	306055	63.399	ng		91
58) Fluorene	10.433	166	915426	48.330	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	267740	46.651	ng		98
60) Diethylphthalate	10.310	149	1038673	48.564	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	460626	47.931	ng		92
62) 4-Nitroaniline	10.457	138	233162	52.259	ng		92
63) Azobenzene	10.586	77	1012232	46.489	ng		98
65) 4,6-Dinitro-2-methylph...	10.475	198	146881	53.748	ng		95
66) n-Nitrosodiphenylamine	10.545	169	861297	49.323	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	306919	50.931	ng		95
68) Hexachlorobenzene	10.975	284	338077	50.802	ng		98
69) Atrazine	11.075	200	289801	53.473	ng		99
70) Pentachlorophenol	11.169	266	379768	93.647	ng		99
71) Phenanthrene	11.392	178	1345038	48.680	ng		100
72) Anthracene	11.445	178	1359514	49.259	ng		99
73) Carbazole	11.598	167	1172517	44.330	ng		99
74) Di-n-butylphthalate	11.933	149	1524017	48.955	ng		100
75) Fluoranthene	12.580	202	1313271	44.458	ng		98
77) Benzidine	12.704	184	725235	93.745	ng		99
78) Pyrene	12.810	202	1298267	51.380	ng		99
80) Butylbenzylphthalate	13.433	149	546967	51.321	ng		94
81) Benzo(a)anthracene	13.998	228	974882	48.902	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	292491	57.298	ng		98
83) Chrysene	14.033	228	954687	46.761	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	679303	52.698	ng		99
85) Di-n-octyl phthalate	14.604	149	1135062	50.023	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1004492	53.356	ng		96
88) Benzo(b)fluoranthene	15.045	252	963402	48.519	ng		98
89) Benzo(k)fluoranthene	15.074	252	938643	51.022	ng		98
90) Benzo(a)pyrene	15.410	252	912797	57.298	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	874951	56.053	ng		98
92) Benzo(g,h,i)perylene	17.374	276	872022	56.323	ng		97

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

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