Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129065.D
Acq On : 30 Jun 2022 18:27
Operator : CG\JU
Sample : N3501-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2208-28MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 05:43:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	393344	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1525837	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	799823	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1403424	20.000	ng		0.00
76) Chrysene-d12	14.145	240	936301	20.000	ng		0.00
86) Perylene-d12	15.662	264	756489	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	2310252	99.297	ng		0.00
7) Phenol-d6	6.587	99	2983379	103.246	ng		0.00
23) Nitrobenzene-d5	7.528	82	1828729	71.487	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	895973	103.022	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	3288562	65.777	ng		0.00
79) Terphenyl-d14	13.080	244	3443730	76.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	482869	46.551	ng		88
3) Pyridine	3.710	79	1314339	51.885	ng		85
4) n-Nitrosodimethylamine	3.646	42	601066	52.372	ng	#	81
6) Aniline	6.628	93	1736580	53.737	ng		96
8) 2-Chlorophenol	6.745	128	1312281	53.685	ng		95
10) Phenol	6.598	94	1578323	53.911	ng		92
11) bis(2-Chloroethyl)ether	6.692	93	1228511	53.016	ng		93
12) 1,3-Dichlorobenzene	6.898	146	1366842	50.796	ng		97
13) 1,4-Dichlorobenzene	6.975	146	1391659	51.275	ng		100
14) 1,2-Dichlorobenzene	7.128	146	1348159	52.840	ng		99
15) Benzyl Alcohol	7.104	79	1080019	53.136	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	1654269	49.984	ng		77
17) 2-Methylphenol	7.204	107	1053521	52.965	ng		99
18) Hexachloroethane	7.475	117	661868	69.462	ng	#	85
19) n-Nitroso-di-n-propyla...	7.375	70	887567	53.098	ng		88
20) 3+4-Methylphenols	7.357	107	1302585	51.497	ng		89
22) Acetophenone	7.375	105	2080478	59.438	ng	#	91
24) Nitrobenzene	7.545	77	1314381	53.103	ng		91
25) Isophorone	7.786	82	2392505	55.339	ng		97
26) 2-Nitrophenol	7.857	139	683321	59.402	ng		90
27) 2,4-Dimethylphenol	7.892	122	1213851	58.448	ng		95
28) bis(2-Chloroethoxy)met...	7.986	93	1472679	49.599	ng		99
29) 2,4-Dichlorophenol	8.098	162	1097343	51.803	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	1106231	47.457	ng		97
31) Naphthalene	8.269	128	3984935	57.529	ng		97
32) Benzoic acid	8.016	122	854362	51.274	ng		97
33) 4-Chloroaniline	8.310	127	1202215	43.072	ng		98
34) Hexachlorobutadiene	8.381	225	665968	47.847	ng		99
35) Caprolactam	8.698	113	356776m	53.114	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1104210	51.305	ng		89
37) 2-Methylnaphthalene	8.957	142	2946772	63.221	ng		99
38) 1-Methylnaphthalene	9.057	142	2554383	56.432	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1084376	48.234	ng		98
41) Hexachlorocyclopentadiene	9.110	237	1345794	113.406	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	766249	50.038	ng		97
44) 2,4,5-Trichlorophenol	9.269	196	818316	50.239	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.422	154	2835989	49.320	ng		96
47) 2-Chloronaphthalene	9.445	162	2190963	49.341	ng		99
48) 2-Nitroaniline	9.545	65	666435	56.983	ng	#	78
49) Acenaphthylene	9.869	152	3405756	50.476	ng		96
50) Dimethylphthalate	9.722	163	2463447	49.232	ng		98
51) 2,6-Dinitrotoluene	9.786	165	579304	56.657	ng		93
52) Acenaphthene	10.039	154	2414839	54.945	ng		97
53) 3-Nitroaniline	9.957	138	556302	45.624	ng	#	86
54) 2,4-Dinitrophenol	10.063	184	624427	110.103	ng	#	80
55) Dibenzofuran	10.210	168	3082079	48.160	ng		95
56) 4-Nitrophenol	10.116	139	1060173	106.416	ng		95
57) 2,4-Dinitrotoluene	10.192	165	762529	60.409	ng	#	85
58) Fluorene	10.557	166	2386083	48.201	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.327	232	662009	49.058	ng		99
60) Diethylphthalate	10.422	149	2433248	48.531	ng		97
61) 4-Chlorophenyl-phenyle...	10.545	204	1173816	47.591	ng		99
62) 4-Nitroaniline	10.580	138	639368	52.880	ng		87
63) Azobenzene	10.704	77	2368727	48.220	ng		94
65) 4,6-Dinitro-2-methylph...	10.598	198	362186	58.333	ng		88
66) n-Nitrosodiphenylamine	10.663	169	2134929	50.089	ng		95
67) 4-Bromophenyl-phenylether	11.033	248	757720	50.756	ng		96
68) Hexachlorobenzene	11.104	284	847625	50.990	ng	#	92
69) Atrazine	11.192	200	713084	59.455	ng		99
70) Pentachlorophenol	11.298	266	1000751	101.074	ng		99
71) Phenanthrene	11.521	178	3291997	49.094	ng		96
72) Anthracene	11.574	178	3342114	50.552	ng		95
73) Carbazole	11.727	167	3162868	47.744	ng		97
74) Di-n-butylphthalate	12.051	149	3469504	49.672	ng		97
75) Fluoranthene	12.716	202	3439230	49.043	ng		95
77) Benzidine	12.833	184	1864598	111.839	ng		99
78) Pyrene	12.945	202	3518056	54.207	ng		97
80) Butylbenzylphthalate	13.557	149	1456445	55.086	ng		93
81) Benzo(a)anthracene	14.133	228	2852889	49.903	ng		96
82) 3,3'-Dichlorobenzidine	14.098	252	898582	72.743	ng		97
83) Chrysene	14.174	228	2598878	48.968	ng		95
84) Bis(2-ethylhexyl)phtha...	14.110	149	1954773	55.632	ng		98
85) Di-n-octyl phthalate	14.733	149	2698510	52.024	ng		96
87) Indeno(1,2,3-cd)pyrene	17.227	276	2424225	52.249	ng		99
88) Benzo(b)fluoranthene	15.215	252	2423256	53.264	ng		99
89) Benzo(k)fluoranthene	15.245	252	2363699	53.566	ng		97
90) Benzo(a)pyrene	15.604	252	2076376	55.985	ng		98
91) Dibenzo(a,h)anthracene	17.245	278	2096760	55.437	ng		98
92) Benzo(g,h,i)perylene	17.703	276	2100213	55.346	ng		98

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

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