Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129192.D
Acq On : 12 Jul 2022 16:41
Operator : CG\JU
Sample : N3648-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

Quant Time: Jul 12 17:17:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 14:13:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.933	152	332130	20.000	ng		0.00
21) Naphthalene-d8	8.222	136	1167421	20.000	ng		0.00
39) Acenaphthene-d10	9.980	164	414904	20.000	ng		0.00
64) Phenanthrene-d10	11.468	188	689360	20.000	ng	#	0.00
76) Chrysene-d12	14.115	240	406130	20.000	ng		0.00
86) Perylene-d12	15.627	264	386318	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	2479035	126.190	ng		0.03
7) Phenol-d6	6.569	99	2928103	120.010	ng		0.00
23) Nitrobenzene-d5	7.504	82	2171475	110.946	ng		0.00
42) 2,4,6-Tribromophenol	10.774	330	727844	161.332	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	2628020	101.331	ng		0.00
79) Terphenyl-d14	13.057	244	2555542	130.670	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.069	88	402011	45.899	ng		91
3) Pyridine	3.757	79	954007	44.601	ng		90
4) n-Nitrosodimethylamine	3.692	42	539541	55.675	ng		85
6) Aniline	6.604	93	908273m	33.286	ng		
8) 2-Chlorophenol	6.728	128	1109033	53.732	ng		97
9) Benzaldehyde	6.492	77	390281	32.690	ng		99
10) Phenol	6.586	94	1127647m	45.616	ng		
11) bis(2-Chloroethyl)ether	6.675	93	1149104	58.729	ng		94
12) 1,3-Dichlorobenzene	6.881	146	1142897	50.302	ng		98
13) 1,4-Dichlorobenzene	6.957	146	1152986	50.311	ng		99
14) 1,2-Dichlorobenzene	7.104	146	1115262	51.769	ng		98
15) Benzyl Alcohol	7.081	79	928235	54.085	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.210	45	1698122	60.765	ng		92
17) 2-Methylphenol	7.186	107	908940	54.118	ng		99
18) Hexachloroethane	7.445	117	436615	54.267	ng	#	86
19) n-Nitroso-di-n-propyla...	7.351	70	800331	56.704	ng		94
20) 3+4-Methylphenols	7.339	107	1032920	48.362	ng		95
22) Acetophenone	7.351	105	1503482	56.141	ng	#	98
24) Nitrobenzene	7.522	77	1180032	62.312	ng		97
25) Isophorone	7.763	82	2143980	64.816	ng		98
26) 2-Nitrophenol	7.833	139	581347	66.052	ng		94
27) 2,4-Dimethylphenol	7.869	122	976168	61.434	ng		98
28) bis(2-Chloroethoxy)met...	7.963	93	1315976	57.929	ng		99
29) 2,4-Dichlorophenol	8.075	162	863288	53.266	ng		99
30) 1,2,4-Trichlorobenzene	8.157	180	895712	50.223	ng		96
31) Naphthalene	8.245	128	2747357	51.839	ng		99
32) Benzoic acid	8.039	122	1165544	91.426	ng		98
33) 4-Chloroaniline	8.286	127	491892	23.034	ng		98
34) Hexachlorobutadiene	8.351	225	544503	51.131	ng		99
35) Caprolactam	8.675	113	198616m	38.646	ng		
36) 4-Chloro-3-methylphenol	8.775	107	656672	39.879	ng		95
37) 2-Methylnaphthalene	8.933	142	1382556	38.768	ng		100
38) 1-Methylnaphthalene	9.033	142	1316881	38.025	ng		100
40) 1,2,4,5-Tetrachloroben...	9.098	216	658469	56.462	ng		98
41) Hexachlorocyclopentadiene	9.086	237	699054	113.557	ng		99
43) 2,4,6-Trichlorophenol	9.210	196	425554	53.572	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	445224	52.692	ng	#	92
46) 1,1'-Biphenyl	9.398	154	1681859	56.384	ng		99
47) 2-Chloronaphthalene	9.427	162	1254232	54.450	ng		99
48) 2-Nitroaniline	9.522	65	403464	66.502	ng		94
49) Acenaphthylene	9.845	152	1970298	56.292	ng		99
50) Dimethylphthalate	9.704	163	1445551	55.691	ng		99
51) 2,6-Dinitrotoluene	9.763	165	318671	60.081	ng		90
52) Acenaphthene	10.016	154	1394920m	61.184	ng		
53) 3-Nitroaniline	9.933	138	232875	36.818	ng	#	96
54) 2,4-Dinitrophenol	10.045	184	340089	115.257	ng	#	84
55) Dibenzofuran	10.186	168	1755371	52.876	ng		94
56) 4-Nitrophenol	10.098	139	488195	94.465	ng		94
57) 2,4-Dinitrotoluene	10.169	165	421502	64.371	ng		96
58) Fluorene	10.533	166	1379901	53.736	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.304	232	358124	51.160	ng		96
60) Diethylphthalate	10.398	149	1446554	55.617	ng		99
61) 4-Chlorophenyl-phenyle...	10.521	204	678043	52.995	ng		96
62) 4-Nitroaniline	10.557	138	327607	52.232	ng		98
63) Azobenzene	10.680	77	1411069	55.374	ng		95
65) 4,6-Dinitro-2-methylph...	10.580	198	192867	63.239	ng		89
66) n-Nitrosodiphenylamine	10.639	169	1195168	57.086	ng		95
67) 4-Bromophenyl-phenylether	11.010	248	421590	57.493	ng		96
68) Hexachlorobenzene	11.080	284	480562	58.854	ng		94
69) Atrazine	11.168	200	380737	64.627	ng		99
70) Pentachlorophenol	11.274	266	526676	108.292	ng		100
71) Phenanthrene	11.498	178	1821322	55.296	ng		99
72) Anthracene	11.551	178	1849253	56.945	ng		100
73) Carbazole	11.704	167	1682594	51.708	ng		99
74) Di-n-butylphthalate	12.021	149	2058687	60.004	ng		99
75) Fluoranthene	12.686	202	1775526	51.545	ng		99
77) Benzidine	12.804	184	369630	51.113	ng		98
78) Pyrene	12.921	202	1727553	61.367	ng		99
80) Butylbenzylphthalate	13.527	149	752302	65.598	ng		95
81) Benzo(a)anthracene	14.109	228	1381280	55.702	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	368363	68.748	ng		98
83) Chrysene	14.145	228	1261783	54.810	ng		99
84) Bis(2-ethylhexyl)phtha...	14.080	149	984410	64.588	ng		99
85) Di-n-octyl phthalate	14.698	149	1431906	63.642	ng		97
87) Indeno(1,2,3-cd)pyrene	17.174	276	1853194	78.214	ng		98
88) Benzo(b)fluoranthene	15.186	252	1335251	57.472	ng		99
89) Benzo(k)fluoranthene	15.215	252	1224669	54.347	ng		99
90) Benzo(a)pyrene	15.568	252	1127548	59.533	ng		98
91) Dibenzo(a,h)anthracene	17.198	278	1586673	82.147	ng		96
92) Benzo(g,h,i)perylene	17.656	276	1701891	87.824	ng		98

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

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