Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
Data File : BF129361.D
Acq On : 26 Jul 2022 18:18
Operator : CG\JU
Sample : N3813-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

Quant Time: Jul 27 00:40:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	218838	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	888425	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	463335	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	741526	20.000	ng		0.00
76) Chrysene-d12	14.057	240	371409	20.000	ng		#-0.01
86) Perylene-d12	15.545	264	429272	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1555975	115.825	ng		0.01
7) Phenol-d6	6.516	99	1874265	110.998	ng		0.00
23) Nitrobenzene-d5	7.451	82	1341837	82.448	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	556512	124.929	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2240535	74.805	ng		0.00
79) Terphenyl-d14	12.998	244	2080450	105.677	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	236663	39.046	ng		90
3) Pyridine	3.493	79	319329	18.971	ng		90
4) n-Nitrosodimethylamine	3.434	42	322229	43.595	ng		91
6) Aniline	6.545	93	533448	25.412	ng		99
8) 2-Chlorophenol	6.669	128	686569	46.779	ng		97
9) Benzaldehyde	6.434	77	211001	18.401	ng		97
10) Phenol	6.528	94	715776m	39.806	ng		
11) bis(2-Chloroethyl)ether	6.622	93	667828	46.831	ng		91
12) 1,3-Dichlorobenzene	6.822	146	672538	42.726	ng		99
13) 1,4-Dichlorobenzene	6.904	146	681527	42.573	ng		98
14) 1,2-Dichlorobenzene	7.051	146	661353	44.945	ng		99
15) Benzyl Alcohol	7.028	79	572511	46.749	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	985343	45.967	ng		93
17) 2-Methylphenol	7.134	107	538797	44.252	ng		99
18) Hexachloroethane	7.398	117	262137	43.487	ng		94
19) n-Nitroso-di-n-propyla...	7.298	70	465207	45.509	ng		93
20) 3+4-Methylphenols	7.287	107	640458	41.370	ng		92
22) Acetophenone	7.298	105	912952	44.138	ng	#	96
24) Nitrobenzene	7.469	77	720994	43.021	ng		96
25) Isophorone	7.704	82	1347213	46.180	ng		99
26) 2-Nitrophenol	7.781	139	365015	44.149	ng		97
27) 2,4-Dimethylphenol	7.816	122	623844m	50.303	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	823541	48.663	ng		99
29) 2,4-Dichlorophenol	8.022	162	562890	43.974	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	549202	41.451	ng		98
31) Naphthalene	8.192	128	1905810	42.222	ng		99
32) Benzoic acid	7.922	122	248890	27.760	ng		99
33) 4-Chloroaniline	8.239	127	437334	23.600	ng		95
34) Hexachlorobutadiene	8.304	225	324193	43.045	ng		99
35) Caprolactam	8.610	113	156069m	37.502	ng		
36) 4-Chloro-3-methylphenol	8.722	107	614905	45.292	ng		91
37) 2-Methylnaphthalene	8.880	142	1258492	42.904	ng		99
38) 1-Methylnaphthalene	8.980	142	1209785	42.724	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	532525	43.771	ng	#	97
41) Hexachlorocyclopentadiene	9.033	237	583782	107.759	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	388201	43.932	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	423971	44.120	ng		95
46) 1,1'-Biphenyl	9.345	154	1526242	45.136	ng		99
47) 2-Chloronaphthalene	9.375	162	1192212	43.614	ng		98
48) 2-Nitroaniline	9.469	65	406581	44.730	ng		96
49) Acenaphthylene	9.792	152	1822334	43.874	ng		99
50) Dimethylphthalate	9.651	163	1434344	44.844	ng		99
51) 2,6-Dinitrotoluene	9.710	165	327948	45.809	ng		92
52) Acenaphthene	9.963	154	1264921m	46.626	ng		
53) 3-Nitroaniline	9.880	138	272431	32.227	ng	#	95
54) 2,4-Dinitrophenol	9.992	184	295763	80.928	ng	#	89
55) Dibenzofuran	10.133	168	1637574	43.788	ng		96
56) 4-Nitrophenol	10.045	139	462300	74.126	ng		98
57) 2,4-Dinitrotoluene	10.116	165	433130	46.313	ng		98
58) Fluorene	10.475	166	1288372	43.056	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	316296	42.593	ng		93
60) Diethylphthalate	10.345	149	1389926	44.952	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	582683	44.170	ng		94
62) 4-Nitroaniline	10.504	138	328303	39.148	ng		91
63) Azobenzene	10.627	77	1351722	42.861	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	203535	43.487	ng		89
66) n-Nitrosodiphenylamine	10.586	169	1132353	45.854	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	383526	47.233	ng		95
68) Hexachlorobenzene	11.022	284	404345	45.958	ng		94
69) Atrazine	11.110	200	174989	23.329	ng		98
70) Pentachlorophenol	11.222	266	409182	85.550	ng		99
71) Phenanthrene	11.439	178	1770902	43.750	ng		99
72) Anthracene	11.492	178	1800835	45.272	ng		100
73) Carbazole	11.651	167	1616338	43.166	ng		99
74) Di-n-butylphthalate	11.969	149	2033474	45.601	ng		99
75) Fluoranthene	12.633	202	1603739	39.103	ng		99
77) Benzidine	12.751	184	196844	15.002	ng		100
78) Pyrene	12.863	202	1587640	51.118	ng		99
80) Butylbenzylphthalate	13.474	149	688624	51.117	ng		92
81) Benzo(a)anthracene	14.051	228	1146789	45.201	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	352116	42.035	ng	#	95
83) Chrysene	14.086	228	1065570	44.564	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	889157	50.134	ng		98
85) Di-n-octyl phthalate	14.639	149	1261671	49.435	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1511762	52.296	ng		99
88) Benzo(b)fluoranthene	15.110	252	1285185	45.134	ng		98
89) Benzo(k)fluoranthene	15.139	252	1090859	39.093	ng		98
90) Benzo(a)pyrene	15.486	252	1093252	47.296	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	1307577	55.575	ng		98
92) Benzo(g,h,i)perylene	17.521	276	1309242	54.457	ng		98

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

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