Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
Data File : BF129360.D
Acq On : 26 Jul 2022 17:44
Operator : CG\JU
Sample : N3813-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS

Manual Integrations APPROVED

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

Quant Time: Jul 27 00:40:21 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	6.886	152	238245	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	932375	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	484086	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	771817	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	377256	20.000	ng		0.00
86) Perylene-d12	15.545	264	441225	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1614864	110.416	ng		0.01
7) Phenol-d6	6.516	99	1977136	107.552	ng		0.00
23) Nitrobenzene-d5	7.451	82	1393697	81.598	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	576777	123.928	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2338788	74.738	ng		0.00
79) Terphenyl-d14	13.004	244	2122157	106.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	254696	38.598	ng		89
3) Pyridine	3.493	79	375616	20.498	ng		89
4) n-Nitrosodimethylamine	3.440	42	343446	42.681	ng		88
6) Aniline	6.545	93	567142	24.817	ng		99
8) 2-Chlorophenol	6.669	128	715943	44.807	ng		98
9) Benzaldehyde	6.434	77	222300	17.807	ng		96
10) Phenol	6.528	94	752988m	38.464	ng		
11) bis(2-Chloroethyl)ether	6.622	93	701617	45.192	ng		93
12) 1,3-Dichlorobenzene	6.822	146	706914	41.251	ng		100
13) 1,4-Dichlorobenzene	6.904	146	718911	41.250	ng		98
14) 1,2-Dichlorobenzene	7.051	146	706033	44.073	ng		97
15) Benzyl Alcohol	7.028	79	608072	45.608	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1036070	44.396	ng		92
17) 2-Methylphenol	7.134	107	563424	42.505	ng		99
18) Hexachloroethane	7.398	117	272827	41.574	ng		93
19) n-Nitroso-di-n-propyla...	7.298	70	495839	44.554	ng		92
20) 3+4-Methylphenols	7.286	107	669083	39.699	ng		93
22) Acetophenone	7.298	105	962457	44.338	ng	#	96
24) Nitrobenzene	7.469	77	768316	43.683	ng		98
25) Isophorone	7.710	82	1427231	46.617	ng		98
26) 2-Nitrophenol	7.786	139	381896	44.013	ng		89
27) 2,4-Dimethylphenol	7.816	122	645324m	49.582	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	873196	49.165	ng		98
29) 2,4-Dichlorophenol	8.028	162	590868	43.984	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	576096	41.431	ng		98
31) Naphthalene	8.192	128	1993264	42.078	ng		99
32) Benzoic acid	7.922	122	238646	25.363	ng		95
33) 4-Chloroaniline	8.239	127	477350	24.545	ng		95
34) Hexachlorobutadiene	8.304	225	335925	42.501	ng		99
35) Caprolactam	8.616	113	165996m	38.007	ng		
36) 4-Chloro-3-methylphenol	8.722	107	643581	45.170	ng		92
37) 2-Methylnaphthalene	8.880	142	1323668	42.999	ng		100
38) 1-Methylnaphthalene	8.980	142	1257718	42.323	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	559088	43.984	ng		98
41) Hexachlorocyclopentadiene	9.033	237	601082	106.196	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	398553	43.170	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	435355	43.363	ng	#	92
46) 1,1'-Biphenyl	9.345	154	1577027	44.639	ng		99
47) 2-Chloronaphthalene	9.375	162	1251443	43.819	ng		98
48) 2-Nitroaniline	9.469	65	425758	44.832	ng		94
49) Acenaphthylene	9.792	152	1897673	43.729	ng		100
50) Dimethylphthalate	9.651	163	1490323	44.596	ng		100
51) 2,6-Dinitrotoluene	9.716	165	345217	46.154	ng		90
52) Acenaphthene	9.963	154	1327397m	46.832	ng		
53) 3-Nitroaniline	9.880	138	284504	32.212	ng	#	94
54) 2,4-Dinitrophenol	9.992	184	293088	76.758	ng		89
55) Dibenzofuran	10.133	168	1710615	43.780	ng		96
56) 4-Nitrophenol	10.045	139	486469	74.658	ng		97
57) 2,4-Dinitrotoluene	10.116	165	442609	45.298	ng		99
58) Fluorene	10.480	166	1348949	43.148	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	320926	41.364	ng		90
60) Diethylphthalate	10.345	149	1436362	44.463	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	617968	44.837	ng		94
62) 4-Nitroaniline	10.504	138	348472	39.772	ng		90
63) Azobenzene	10.627	77	1418652	43.055	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	205150	42.112	ng		92
66) n-Nitrosodiphenylamine	10.586	169	1189699	46.286	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	398248	47.121	ng		94
68) Hexachlorobenzene	11.027	284	427801	46.716	ng		97
69) Atrazine	11.110	200	183006	23.441	ng		97
70) Pentachlorophenol	11.221	266	416264	83.615	ng		99
71) Phenanthrene	11.445	178	1838025	43.626	ng		99
72) Anthracene	11.492	178	1843392	44.523	ng		100
73) Carbazole	11.651	167	1667052	42.773	ng		99
74) Di-n-butylphthalate	11.974	149	2091162	45.054	ng		99
75) Fluoranthene	12.633	202	1635002	38.301	ng		99
77) Benzidine	12.751	184	213582	16.026	ng		99
78) Pyrene	12.863	202	1621773	51.408	ng		99
80) Butylbenzylphthalate	13.474	149	690789	50.483	ng		92
81) Benzo(a)anthracene	14.051	228	1165428	45.224	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	356050	41.846	ng	#	98
83) Chrysene	14.086	228	1081789	44.541	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	894709	49.665	ng		98
85) Di-n-octyl phthalate	14.639	149	1275151	49.189	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1569487	52.822	ng		99
88) Benzo(b)fluoranthene	15.109	252	1310789	44.786	ng		99
89) Benzo(k)fluoranthene	15.139	252	1137136	39.647	ng		98
90) Benzo(a)pyrene	15.486	252	1132495	47.666	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	1354153	55.995	ng		99
92) Benzo(g,h,i)perylene	17.527	276	1374722	55.631	ng		99

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

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