Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129465.D
Acq On : 01 Aug 2022 10:40
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Quant Time: Aug 02 01:14:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	195014	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	746484	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	399983	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	687705	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	450945	20.000	ng		0.00
86) Perylene-d12	15.527	264	325765	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	933974	78.017	ng		0.00
7) Phenol-d6	6.522	99	1184154	78.695	ng		0.00
23) Nitrobenzene-d5	7.445	82	1107094	80.959	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	320690	83.393	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1924383	74.426	ng		0.00
79) Terphenyl-d14	12.986	244	1982569	82.943	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	209565	38.799	ng		89
3) Pyridine	3.434	79	576556	38.438	ng		92
4) n-Nitrosodimethylamine	3.387	42	257233	39.053	ng		91
6) Aniline	6.545	93	689937	36.882	ng		99
8) 2-Chlorophenol	6.669	128	519416	39.714	ng		98
9) Benzaldehyde	6.434	77	369518	36.161	ng		99
10) Phenol	6.534	94	644004m	40.190	ng		
11) bis(2-Chloroethyl)ether	6.616	93	497039	39.112	ng		92
12) 1,3-Dichlorobenzene	6.816	146	555766	39.621	ng		99
13) 1,4-Dichlorobenzene	6.893	146	566524	39.712	ng		99
14) 1,2-Dichlorobenzene	7.045	146	519550	39.622	ng		97
15) Benzyl Alcohol	7.022	79	445196	40.794	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	702012	36.750	ng		86
17) 2-Methylphenol	7.140	107	417148	38.446	ng		95
18) Hexachloroethane	7.387	117	212905	39.635	ng		92
19) n-Nitroso-di-n-propyla...	7.292	70	353200	38.773	ng		93
20) 3+4-Methylphenols	7.292	107	519458	37.654	ng	#	87
22) Acetophenone	7.287	105	684582	39.390	ng	#	94
24) Nitrobenzene	7.463	77	557969	39.624	ng		97
25) Isophorone	7.698	82	949032	38.717	ng		99
26) 2-Nitrophenol	7.775	139	273974	39.438	ng		99
27) 2,4-Dimethylphenol	7.816	122	414054m	39.735	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	556676	39.149	ng		99
29) 2,4-Dichlorophenol	8.022	162	426204	39.627	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	447415	40.190	ng		96
31) Naphthalene	8.181	128	1513135	39.897	ng		100
32) Benzoic acid	7.939	122	199281	26.454	ng		99
33) 4-Chloroaniline	8.234	127	594133	38.157	ng		98
34) Hexachlorobutadiene	8.292	225	263567	41.650	ng		99
35) Caprolactam	8.616	113	138489	39.606	ng	#	78
36) 4-Chloro-3-methylphenol	8.722	107	459300	40.264	ng		94
37) 2-Methylnaphthalene	8.869	142	987911	40.083	ng		99
38) 1-Methylnaphthalene	8.969	142	958043	40.267	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	415434	39.555	ng		99
41) Hexachlorocyclopentadiene	9.022	237	169679	36.281	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	299664	39.284	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	319968	38.571	ng	#	92
46) 1,1'-Biphenyl	9.334	154	1148056	39.329	ng		99
47) 2-Chloronaphthalene	9.363	162	923005	39.114	ng		100
48) 2-Nitroaniline	9.463	65	312125	39.777	ng		94
49) Acenaphthylene	9.781	152	1420725	39.622	ng		100
50) Dimethylphthalate	9.639	163	1107016	40.092	ng		100
51) 2,6-Dinitrotoluene	9.704	165	246610	39.904	ng		98
52) Acenaphthene	9.951	154	920877m	39.321	ng		
53) 3-Nitroaniline	9.881	138	278738	38.195	ng	#	87
54) 2,4-Dinitrophenol	9.981	184	111540	35.354	ng		95
55) Dibenzofuran	10.122	168	1295721	40.135	ng		97
56) 4-Nitrophenol	10.045	139	190817	35.442	ng		92
57) 2,4-Dinitrotoluene	10.110	165	328201	40.652	ng		93
58) Fluorene	10.469	166	1040380	40.276	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	249257	38.881	ng		92
60) Diethylphthalate	10.333	149	1086105	40.690	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	461668	40.540	ng		94
62) 4-Nitroaniline	10.498	138	284348	39.277	ng		93
63) Azobenzene	10.616	77	1065960	39.153	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	169109	38.960	ng		89
66) n-Nitrosodiphenylamine	10.575	169	910083	39.738	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	303534	40.307	ng		93
68) Hexachlorobenzene	11.016	284	327429	40.128	ng		97
69) Atrazine	11.104	200	274943	39.524	ng		97
70) Pentachlorophenol	11.210	266	149313	33.661	ng		99
71) Phenanthrene	11.433	178	1468406	39.116	ng		100
72) Anthracene	11.480	178	1471783	39.896	ng		99
73) Carbazole	11.639	167	1352408	38.944	ng		99
74) Di-n-butylphthalate	11.957	149	1668348	40.341	ng		99
75) Fluoranthene	12.622	202	1525191	40.098	ng		99
77) Benzidine	12.739	184	529470	33.236	ng		99
78) Pyrene	12.851	202	1537335	40.768	ng		100
80) Butylbenzylphthalate	13.457	149	670461	40.991	ng		98
81) Benzo(a)anthracene	14.039	228	1215572	39.462	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	378278	37.194	ng	#	96
83) Chrysene	14.074	228	1146342	39.486	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	845157	39.248	ng		99
85) Di-n-octyl phthalate	14.621	149	1186232	38.281	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	922819	42.066	ng		99
88) Benzo(b)fluoranthene	15.092	252	919732	42.562	ng		99
89) Benzo(k)fluoranthene	15.121	252	835823	39.470	ng		100
90) Benzo(a)pyrene	15.468	252	691015	39.393	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	749281	41.965	ng		99
92) Benzo(g,h,i)perylene	17.492	276	801092	43.908	ng		99

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

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