Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
Data File : BF129345.D
Acq On : 26 Jul 2022 09:28
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 27 00:38:15 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	277075	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1052197	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	551639	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	927343	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	605777	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	495569	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1305397	76.748	ng		0.00
7) Phenol-d6	6.516	99	1658231	77.563	ng		0.00
23) Nitrobenzene-d5	7.451	82	1524903	79.113	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	419637	79.123	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2506987	70.303	ng		0.00
79) Terphenyl-d14	13.004	244	2527952	78.728	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	303181	39.507	ng		89
3) Pyridine	3.446	79	865810	40.626	ng		89
4) n-Nitrosodimethylamine	3.399	42	366020	39.112	ng		85
6) Aniline	6.551	93	1031092	38.795	ng		99
8) 2-Chlorophenol	6.669	128	720530	38.774	ng		99
9) Benzaldehyde	6.440	77	540084	37.199	ng		99
10) Phenol	6.528	94	882570m	38.766	ng		
11) bis(2-Chloroethyl)ether	6.622	93	705568	39.078	ng		94
12) 1,3-Dichlorobenzene	6.828	146	779605	39.118	ng		97
13) 1,4-Dichlorobenzene	6.904	146	788531	38.904	ng		99
14) 1,2-Dichlorobenzene	7.057	146	718434	38.562	ng		99
15) Benzyl Alcohol	7.028	79	592791	38.231	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1059215	39.027	ng		94
17) 2-Methylphenol	7.134	107	600024	38.922	ng		99
18) Hexachloroethane	7.398	117	299243	39.209	ng		90
19) n-Nitroso-di-n-propyla...	7.298	70	493616	38.138	ng		94
20) 3+4-Methylphenols	7.287	107	731912	37.341	ng		91
22) Acetophenone	7.298	105	938587	38.314	ng	#	96
24) Nitrobenzene	7.469	77	783931	39.495	ng		97
25) Isophorone	7.710	82	1350102	39.076	ng		98
26) 2-Nitrophenol	7.787	139	392806	40.115	ng		91
27) 2,4-Dimethylphenol	7.816	122	584996	39.828	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	789711	39.401	ng		99
29) 2,4-Dichlorophenol	8.028	162	604571	39.879	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	609054	38.813	ng		98
31) Naphthalene	8.192	128	2072799	38.774	ng		99
32) Benzoic acid	7.940	122	429826	40.479	ng		97
33) 4-Chloroaniline	8.240	127	839808	38.264	ng		98
34) Hexachlorobutadiene	8.304	225	353968	39.684	ng		99
35) Caprolactam	8.622	113	194541	39.471	ng	#	83
36) 4-Chloro-3-methylphenol	8.722	107	640221	39.817	ng		91
37) 2-Methylnaphthalene	8.881	142	1344033	38.688	ng		99
38) 1-Methylnaphthalene	8.981	142	1309157	39.037	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	565570	39.046	ng		98
41) Hexachlorocyclopentadiene	9.034	237	273262	42.366	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	412974	39.254	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	452281	39.532	ng	#	92
46) 1,1'-Biphenyl	9.345	154	1573677	39.089	ng		98
47) 2-Chloronaphthalene	9.375	162	1249824	38.403	ng		99
48) 2-Nitroaniline	9.469	65	437470	40.424	ng		97
49) Acenaphthylene	9.792	152	1920870	38.843	ng		99
50) Dimethylphthalate	9.651	163	1474003	38.707	ng		99
51) 2,6-Dinitrotoluene	9.716	165	341836	40.106	ng		94
52) Acenaphthene	9.963	154	1261075m	39.043	ng		
53) 3-Nitroaniline	9.886	138	387986	38.549	ng	#	91
54) 2,4-Dinitrophenol	9.992	184	169972	39.064	ng	#	84
55) Dibenzofuran	10.134	168	1732231	38.904	ng		97
56) 4-Nitrophenol	10.039	139	288782	38.892	ng		99
57) 2,4-Dinitrotoluene	10.116	165	447458	40.187	ng		98
58) Fluorene	10.481	166	1370349	38.465	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	356387	40.309	ng		92
60) Diethylphthalate	10.345	149	1430531	38.860	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	606536	38.618	ng		93
62) 4-Nitroaniline	10.504	138	393255	39.387	ng		92
63) Azobenzene	10.628	77	1468271	39.104	ng		94
65) 4,6-Dinitro-2-methylph...	10.528	198	241180	41.205	ng		94
66) n-Nitrosodiphenylamine	10.592	169	1208218	39.123	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	404612	39.845	ng		92
68) Hexachlorobenzene	11.028	284	432396	39.298	ng		99
69) Atrazine	11.116	200	369188	39.357	ng		97
70) Pentachlorophenol	11.222	266	246678	41.240	ng		99
71) Phenanthrene	11.445	178	1955278	38.626	ng		100
72) Anthracene	11.498	178	1926331	38.723	ng		100
73) Carbazole	11.651	167	1813988	38.737	ng		99
74) Di-n-butylphthalate	11.975	149	2193316	39.330	ng		99
75) Fluoranthene	12.633	202	1982091	38.644	ng		97
77) Benzidine	12.757	184	881074	41.171	ng		99
78) Pyrene	12.869	202	2025294	39.981	ng		99
80) Butylbenzylphthalate	13.474	149	910219	41.426	ng		98
81) Benzo(a)anthracene	14.057	228	1649915	39.872	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	542496	39.707	ng	#	98
83) Chrysene	14.092	228	1518316	38.932	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	1187452	41.050	ng		98
85) Di-n-octyl phthalate	14.645	149	1721713	41.361	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1372820	41.137	ng		98
88) Benzo(b)fluoranthene	15.116	252	1279152	38.912	ng		99
89) Benzo(k)fluoranthene	15.145	252	1280536	39.751	ng		99
90) Benzo(a)pyrene	15.492	252	1052045	39.424	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	1128921	41.563	ng		97
92) Benzo(g,h,i)perylene	17.527	276	1134139	40.863	ng		98

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

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