Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129476.D
Acq On : 01 Aug 2022 16:37
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 02 01:16:36 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	222064	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	832777	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	423710	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	698616	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	449242	20.000	ng		0.00
86) Perylene-d12	15.527	264	376850	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1064981	78.124	ng		0.01
7) Phenol-d6	6.528	99	1324283	77.287	ng		0.00
23) Nitrobenzene-d5	7.445	82	1252661	82.112	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	324824	79.738	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2062149	75.288	ng		0.00
79) Terphenyl-d14	12.992	244	1992860	83.690	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	237762	38.657	ng		89
3) Pyridine	3.452	79	666861	39.043	ng		88
4) n-Nitrosodimethylamine	3.404	42	293731	39.162	ng	#	92
6) Aniline	6.545	93	722293	33.909	ng	#	33
8) 2-Chlorophenol	6.675	128	586750	39.397	ng		94
9) Benzaldehyde	6.434	77	407968	35.061	ng		98
10) Phenol	6.545	94	718467m	39.375	ng		
11) bis(2-Chloroethyl)ether	6.616	93	567087	39.189	ng		91
12) 1,3-Dichlorobenzene	6.816	146	631960	39.565	ng		99
13) 1,4-Dichlorobenzene	6.892	146	641933	39.517	ng		99
14) 1,2-Dichlorobenzene	7.051	146	589549	39.484	ng		100
15) Benzyl Alcohol	7.028	79	497832	40.061	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	758590	34.875	ng	#	24
17) 2-Methylphenol	7.145	107	470772	38.103	ng	#	90
18) Hexachloroethane	7.387	117	245382	40.116	ng		89
19) n-Nitroso-di-n-propyla...	7.292	70	396554	38.229	ng		95
20) 3+4-Methylphenols	7.298	107	598107	38.073	ng	#	85
22) Acetophenone	7.287	105	787585	40.621	ng	#	99
24) Nitrobenzene	7.463	77	631555	40.202	ng		98
25) Isophorone	7.704	82	1048987	38.360	ng		97
26) 2-Nitrophenol	7.781	139	315980	40.772	ng		89
27) 2,4-Dimethylphenol	7.822	122	466542m	40.133	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	612173	38.591	ng		99
29) 2,4-Dichlorophenol	8.028	162	475375	39.619	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	500854	40.328	ng		97
31) Naphthalene	8.181	128	1680646	39.722	ng		100
32) Benzoic acid	7.951	122	197790m	23.535	ng		
33) 4-Chloroaniline	8.234	127	650728	37.461	ng		98
34) Hexachlorobutadiene	8.292	225	297111	42.086	ng		99
35) Caprolactam	8.622	113	148174m	37.984	ng		
36) 4-Chloro-3-methylphenol	8.728	107	509353	40.025	ng		95
37) 2-Methylnaphthalene	8.875	142	1081568	39.336	ng		99
38) 1-Methylnaphthalene	8.975	142	1050011	39.559	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	457084	41.084	ng		99
41) Hexachlorocyclopentadiene	9.022	237	211070	42.604	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	327977	40.588	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	352680	40.134	ng	#	91
46) 1,1'-Biphenyl	9.339	154	1249644	40.412	ng		99
47) 2-Chloronaphthalene	9.363	162	1004800	40.196	ng		99
48) 2-Nitroaniline	9.469	65	339527	40.846	ng		87
49) Acenaphthylene	9.781	152	1522626	40.086	ng		100
50) Dimethylphthalate	9.639	163	1151464	39.366	ng		100
51) 2,6-Dinitrotoluene	9.704	165	264781	40.445	ng		95
52) Acenaphthene	9.951	154	983842m	39.657	ng		
53) 3-Nitroaniline	9.881	138	294150	38.050	ng	#	94
54) 2,4-Dinitrophenol	9.986	184	130348	39.002	ng		92
55) Dibenzofuran	10.128	168	1359514	39.752	ng		98
56) 4-Nitrophenol	10.057	139	206526	36.212	ng		92
57) 2,4-Dinitrotoluene	10.110	165	342830	40.086	ng		99
58) Fluorene	10.469	166	1092534	39.926	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	263207	38.758	ng		93
60) Diethylphthalate	10.333	149	1102683	38.998	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	479707	39.765	ng		92
62) 4-Nitroaniline	10.498	138	293818	38.313	ng		97
63) Azobenzene	10.616	77	1101314	38.187	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	182225	41.326	ng		92
66) n-Nitrosodiphenylamine	10.580	169	927925	39.884	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	310960	40.648	ng		92
68) Hexachlorobenzene	11.016	284	338003	40.777	ng		99
69) Atrazine	11.104	200	274264	38.810	ng		97
70) Pentachlorophenol	11.216	266	151454	33.610	ng		100
71) Phenanthrene	11.433	178	1516551	39.767	ng		99
72) Anthracene	11.486	178	1490035	39.760	ng		100
73) Carbazole	11.645	167	1384373	39.242	ng		99
74) Di-n-butylphthalate	11.957	149	1655582	39.407	ng		99
75) Fluoranthene	12.622	202	1546937	40.035	ng		99
77) Benzidine	12.745	184	555663	35.012	ng		99
78) Pyrene	12.851	202	1566702	41.704	ng		99
80) Butylbenzylphthalate	13.457	149	667149	40.943	ng		99
81) Benzo(a)anthracene	14.039	228	1223472	39.869	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	380989	37.602	ng	#	95
83) Chrysene	14.080	228	1153357	39.878	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	833515	38.854	ng		99
85) Di-n-octyl phthalate	14.621	149	1206004	39.067	ng		97
87) Indeno(1,2,3-cd)pyrene	17.039	276	1055544	41.594	ng		99
88) Benzo(b)fluoranthene	15.098	252	985804	39.436	ng		99
89) Benzo(k)fluoranthene	15.127	252	942364	38.469	ng		100
90) Benzo(a)pyrene	15.468	252	795863	39.220	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	853632	41.328	ng		99
92) Benzo(g,h,i)perylene	17.492	276	878337	41.616	ng		99

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

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