Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
Data File : BF130080.D
Acq On : 01 Sep 2022 16:26
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 02 04:00:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	247195	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	964365	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	511092	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	880840	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	546405	20.000	ng	#	0.00
86) Perylene-d12	15.251	264	456905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1135558	77.986	ng		0.00
7) Phenol-d6	6.339	99	1431334	78.847	ng		0.00
23) Nitrobenzene-d5	7.275	82	1243590	82.874	ng		0.00
42) 2,4,6-Tribromophenol	10.527	330	395695	85.052	ng		0.00
45) 2-Fluorobiphenyl	9.063	172	2222726	72.104	ng		0.00
79) Terphenyl-d14	12.804	244	2383578	75.647	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.357	88	265213	38.974	ng		95
3) Pyridine	3.057	79	723182	39.632	ng		93
4) n-Nitrosodimethylamine	3.010	42	272450	37.966	ng	#	78
6) Aniline	6.369	93	894747	39.313	ng	#	50
8) 2-Chlorophenol	6.487	128	629791	39.406	ng		99
9) Benzaldehyde	6.257	77	404259	36.383	ng		93
10) Phenol	6.351	94	809178	39.435	ng	#	61
11) bis(2-Chloroethyl)ether	6.445	93	603282	38.696	ng		100
12) 1,3-Dichlorobenzene	6.645	146	680541	38.412	ng		97
13) 1,4-Dichlorobenzene	6.722	146	684479	38.355	ng		98
14) 1,2-Dichlorobenzene	6.875	146	623494	38.434	ng		98
15) Benzyl Alcohol	6.851	79	470828	38.479	ng		92
16) 2,2'-oxybis(1-Chloropr...	6.987	45	789931	37.281	ng	#	52
17) 2-Methylphenol	6.957	107	527016	39.194	ng	#	86
18) Hexachloroethane	7.216	117	253333	39.311	ng		97
19) n-Nitroso-di-n-propyla...	7.128	70	415296	37.974	ng		93
20) 3+4-Methylphenols	7.116	107	609824	38.675	ng	#	77
22) Acetophenone	7.122	105	794831	36.891	ng	#	97
24) Nitrobenzene	7.292	77	640661	40.145	ng		99
25) Isophorone	7.534	82	1133729	37.328	ng		98
26) 2-Nitrophenol	7.604	139	324357	43.611	ng		93
27) 2,4-Dimethylphenol	7.645	122	496924	38.993	ng		95
28) bis(2-Chloroethoxy)met...	7.745	93	681111	37.333	ng		99
29) 2,4-Dichlorophenol	7.839	162	536709	39.372	ng		99
30) 1,2,4-Trichlorobenzene	7.928	180	534447	37.183	ng		99
31) Naphthalene	8.010	128	1827615	37.576	ng		99
32) Benzoic acid	7.769	122	421101	41.500	ng		97
33) 4-Chloroaniline	8.063	127	770644	39.218	ng		98
34) Hexachlorobutadiene	8.128	225	304659	37.010	ng		99
35) Caprolactam	8.439	113	180814m	42.804	ng		
36) 4-Chloro-3-methylphenol	8.539	107	547607	39.699	ng		94
37) 2-Methylnaphthalene	8.698	142	1188891	37.946	ng		98
38) 1-Methylnaphthalene	8.798	142	1162767	38.182	ng		97
40) 1,2,4,5-Tetrachloroben...	8.863	216	490492	36.804	ng		99
41) Hexachlorocyclopentadiene	8.851	237	273794	39.310	ng		98
43) 2,4,6-Trichlorophenol	8.975	196	376109	39.536	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	405896	39.365	ng		97
46) 1,1'-Biphenyl	9.163	154	1375100	37.034	ng		98
47) 2-Chloronaphthalene	9.186	162	1121746	37.705	ng		100
48) 2-Nitroaniline	9.286	65	340067	46.385	ng		86
49) Acenaphthylene	9.604	152	1733073	38.361	ng		100
50) Dimethylphthalate	9.475	163	1330755	38.227	ng		99
51) 2,6-Dinitrotoluene	9.528	165	304333	44.840	ng		97
52) Acenaphthene	9.775	154	1107579m	38.901	ng		
53) 3-Nitroaniline	9.698	138	360131	46.228	ng		96
54) 2,4-Dinitrophenol	9.798	184	140584	49.101	ng		88
55) Dibenzofuran	9.945	168	1557587	38.204	ng		100
56) 4-Nitrophenol	9.851	139	284513	47.371	ng		88
57) 2,4-Dinitrotoluene	9.928	165	395919	50.666	ng	#	87
58) Fluorene	10.286	166	1165223	37.562	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.057	232	324523	40.523	ng	#	79
60) Diethylphthalate	10.169	149	1340932	39.817	ng		100
61) 4-Chlorophenyl-phenyle...	10.280	204	507809	37.031	ng		98
62) 4-Nitroaniline	10.316	138	364367	48.092	ng		89
63) Azobenzene	10.439	77	1272737	38.383	ng		96
65) 4,6-Dinitro-2-methylph...	10.333	198	197608	47.697	ng		98
66) n-Nitrosodiphenylamine	10.404	169	1106509	37.578	ng		98
67) 4-Bromophenyl-phenylether	10.769	248	367861	37.546	ng		99
68) Hexachlorobenzene	10.827	284	399338	37.406	ng		97
69) Atrazine	10.933	200	333367	40.018	ng		98
70) Pentachlorophenol	11.022	266	260467	43.631	ng		97
71) Phenanthrene	11.245	178	1780879	37.281	ng		99
72) Anthracene	11.298	178	1768385	37.658	ng		99
73) Carbazole	11.451	167	1694166	39.123	ng		99
74) Di-n-butylphthalate	11.792	149	2078460	39.804	ng		100
75) Fluoranthene	12.427	202	1845736	38.965	ng		96
77) Benzidine	12.557	184	726457	49.243	ng		99
78) Pyrene	12.657	202	1850107	37.750	ng		98
80) Butylbenzylphthalate	13.286	149	834145	42.791	ng		98
81) Benzo(a)anthracene	13.839	228	1391849	37.170	ng		99
82) 3,3'-Dichlorobenzidine	13.810	252	483513	41.406	ng		100
83) Chrysene	13.880	228	1390269	37.658	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	955110	39.417	ng		99
85) Di-n-octyl phthalate	14.457	149	1499822	39.185	ng		98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1260917	41.836	ng		95
88) Benzo(b)fluoranthene	14.851	252	1196750m	39.277	ng		
89) Benzo(k)fluoranthene	14.886	252	1115037	37.838	ng		99
90) Benzo(a)pyrene	15.192	252	938707	38.771	ng	#	97
91) Dibenzo(a,h)anthracene	16.621	278	1036786	42.040	ng	#	97
92) Benzo(g,h,i)perylene	17.009	276	1038558	42.090	ng	#	92

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

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