Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126292.D
Acq On : 21 Dec 2021 9:59
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 22 07:20:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
12/22/2021
Supervised By :mohammad ahmed
12/27/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	147102	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	601480	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	270744	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	401092	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	212247	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	237292	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	848790	84.973	ng		0.00
7) Phenol-d6	6.451	99	1074228	84.696	ng		0.00
23) Nitrobenzene-d5	7.381	82	915614	82.445	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	175364	80.597	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1191561	77.189	ng		0.00
79) Terphenyl-d14	12.927	244	938857	76.884	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	211932	43.465	ng	#	100
3) Pyridine	3.275	79	557089	43.023	ng	#	77
4) n-Nitrosodimethylamine	3.222	42	204291	41.050	ng	#	1
6) Aniline	6.481	93	661551	41.063	ng		97
8) 2-Chlorophenol	6.604	128	434654	42.909	ng		90
9) Benzaldehyde	6.369	77	293375	38.331	ng		95
10) Phenol	6.463	94	600047	42.146	ng		90
11) bis(2-Chloroethyl)ether	6.557	93	458987	41.533	ng		99
12) 1,3-Dichlorobenzene	6.763	146	435374	42.608	ng		98
13) 1,4-Dichlorobenzene	6.840	146	432905	41.954	ng		96
14) 1,2-Dichlorobenzene	6.993	146	400347	41.962	ng		96
15) Benzyl Alcohol	6.963	79	367929	39.737	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	728932	40.306	ng		92
17) 2-Methylphenol	7.075	107	361963	40.790	ng		96
18) Hexachloroethane	7.334	117	167259	41.209	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	294701	37.849	ng	#	73
20) 3+4-Methylphenols	7.228	107	427460	40.747	ng	#	75
22) Acetophenone	7.228	105	554642	40.067	ng	#	93
24) Nitrobenzene	7.404	77	453256	40.883	ng		95
25) Isophorone	7.640	82	792631	37.794	ng	#	87
26) 2-Nitrophenol	7.716	139	218607	43.740	ng	#	81
27) 2,4-Dimethylphenol	7.757	122	340507	40.119	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	548710	39.795	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	319771	42.384	ng		91
30) 1,2,4-Trichlorobenzene	8.045	180	322663	41.347	ng		99
31) Naphthalene	8.128	128	1168881	41.555	ng		98
32) Benzoic acid	7.875	122	233071	31.875	ng		96
33) 4-Chloroaniline	8.169	127	485350	41.325	ng		95
34) Hexachlorobutadiene	8.245	225	158574	41.374	ng		99
35) Caprolactam	8.534	113	70897	37.812	ng	#	82
36) 4-Chloro-3-methylphenol	8.651	107	359699	40.418	ng		92
37) 2-Methylnaphthalene	8.816	142	705097	40.704	ng		97
38) 1-Methylnaphthalene	8.916	142	677988	40.330	ng		97
40) 1,2,4,5-Tetrachloroben...	8.981	216	255038	43.645	ng		96
41) Hexachlorocyclopentadiene	8.969	237	121130	36.199	ng		96
43) 2,4,6-Trichlorophenol	9.092	196	185378	40.329	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	196075	41.191	ng	#	94
46) 1,1'-Biphenyl	9.281	154	830295	41.475	ng		96
47) 2-Chloronaphthalene	9.304	162	627042	41.631	ng		99
48) 2-Nitroaniline	9.398	65	223412	40.638	ng		94
49) Acenaphthylene	9.716	152	950193	41.285	ng		98
50) Dimethylphthalate	9.581	163	686348	40.019	ng		98
51) 2,6-Dinitrotoluene	9.639	165	147596	39.761	ng		90
52) Acenaphthene	9.892	154	616678	41.317	ng		99
53) 3-Nitroaniline	9.804	138	188249	39.899	ng	#	72
54) 2,4-Dinitrophenol	9.910	184	58375	38.192	ng	#	85
55) Dibenzofuran	10.063	168	844248	41.546	ng		97
56) 4-Nitrophenol	9.963	139	124701	36.590	ng	#	78
57) 2,4-Dinitrotoluene	10.039	165	188342	39.775	ng	#	93
58) Fluorene	10.404	166	574109	39.025	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	141952	40.219	ng	#	99
60) Diethylphthalate	10.281	149	660838	38.343	ng		97
61) 4-Chlorophenyl-phenyle...	10.398	204	259836	39.228	ng		94
62) 4-Nitroaniline	10.416	138	158239	39.980	ng	#	72
63) Azobenzene	10.557	77	807504	38.682	ng		83
65) 4,6-Dinitro-2-methylph...	10.445	198	90611	41.371	ng		91
66) n-Nitrosodiphenylamine	10.516	169	532732	41.386	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	160866	42.734	ng		92
68) Hexachlorobenzene	10.951	284	183390	42.359	ng		91
69) Atrazine	11.039	200	98901	41.925	ng		95
70) Pentachlorophenol	11.145	266	87855	36.578	ng		92
71) Phenanthrene	11.363	178	853244	41.216	ng		98
72) Anthracene	11.416	178	855500	41.172	ng		99
73) Carbazole	11.569	167	816145	41.708	ng		98
74) Di-n-butylphthalate	11.904	149	974845	39.298	ng		100
75) Fluoranthene	12.551	202	755380	40.499	ng		92
77) Benzidine	12.669	184	111210m	33.235	ng		
78) Pyrene	12.780	202	766569	39.312	ng		97
80) Butylbenzylphthalate	13.404	149	355592	38.752	ng		89
81) Benzo(a)anthracene	13.969	228	509207	40.502	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	266669	46.428	ng	#	96
83) Chrysene	14.004	228	529625	40.545	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	408970	39.884	ng		98
85) Di-n-octyl phthalate	14.574	149	791243	43.287	ng		97
87) Indeno(1,2,3-cd)pyrene	16.862	276	733215	46.325	ng	#	93
88) Benzo(b)fluoranthene	15.004	252	581529	40.787	ng	#	96
89) Benzo(k)fluoranthene	15.033	252	527673	38.688	ng	#	94
90) Benzo(a)pyrene	15.363	252	503392	42.480	ng	#	95
91) Dibenzo(a,h)anthracene	16.880	278	595882	46.313	ng	#	94
92) Benzo(g,h,i)perylene	17.292	276	603556	45.339	ng	#	91

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

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