Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131748.D
Acq On : 21 Dec 2022 16:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 22 05:42:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	79981	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	279281	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162300	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	316399	20.000	ng	0.00
76) Chrysene-d12	14.063	240	188232	20.000	ng	0.00
86) Perylene-d12	15.557	264	162675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	375052	78.962	ng	0.00
7) Phenol-d6	6.498	99	492037	76.964	ng	0.00
23) Nitrobenzene-d5	7.439	82	538581	78.288	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	139963	78.789	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	930695	80.329	ng	0.00
79) Terphenyl-d14	13.004	244	1039552	86.073	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	89769	40.444	ng	98
3) Pyridine	3.340	79	252638	39.917	ng	98
4) n-Nitrosodimethylamine	3.304	42	113442	39.617	ng	97
6) Aniline	6.528	93	303467	38.450	ng	98
8) 2-Chlorophenol	6.651	128	197020	38.619	ng	96
9) Benzaldehyde	6.416	77	152144	40.836	ng	97
10) Phenol	6.510	94	293831	38.495	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	208598	38.190	ng	99
12) 1,3-Dichlorobenzene	6.804	146	223809	38.810	ng	99
13) 1,4-Dichlorobenzene	6.881	146	229314	38.901	ng	97
14) 1,2-Dichlorobenzene	7.039	146	214936	38.943	ng	97
15) Benzyl Alcohol	7.010	79	213850	37.451	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	269381	38.677	ng	99
17) 2-Methylphenol	7.122	107	183082	38.015	ng	97
18) Hexachloroethane	7.381	117	91282	39.064	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	172231	37.354	ng	98
20) 3+4-Methylphenols	7.275	107	233754	37.712	ng	96
22) Acetophenone	7.281	105	313152	38.423	ng	97
24) Nitrobenzene	7.457	77	272878	39.017	ng	98
25) Isophorone	7.692	82	447808	38.329	ng	98
26) 2-Nitrophenol	7.769	139	106043	38.797	ng	93
27) 2,4-Dimethylphenol	7.810	122	151365	38.882	ng	95
28) bis(2-Chloroethoxy)met...	7.904	93	242410	39.073	ng	98
29) 2,4-Dichlorophenol	8.016	162	184124	39.178	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	212269	38.420	ng	97
31) Naphthalene	8.181	128	585574	38.392	ng	99
32) Benzoic acid	7.934	122	119720m	38.419	ng	
33) 4-Chloroaniline	8.228	127	230368	38.729	ng	99
34) Hexachlorobutadiene	8.292	225	145399	39.115	ng	98
35) Caprolactam	8.610	113	54259	38.289	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	206524	38.469	ng	99
37) 2-Methylnaphthalene	8.875	142	399093	38.359	ng	100
38) 1-Methylnaphthalene	8.969	142	384861	38.194	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	223946	40.331	ng	99
41) Hexachlorocyclopentadiene	9.022	237	100184	39.823	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	142706	39.342	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	153837	39.176	ng		97
46)	1,1'-Biphenyl	9.339	154	483721	39.623	ng		99
47)	2-Chloronaphthalene	9.363	162	400857	40.099	ng		99
48)	2-Nitroaniline	9.463	65	145731	40.446	ng		92
49)	Acenaphthylene	9.780	152	598943	39.946	ng		99
50)	Dimethylphthalate	9.645	163	485547	39.759	ng		99
51)	2,6-Dinitrotoluene	9.704	165	106174	40.433	ng		92
52)	Acenaphthene	9.957	154	359185	39.105	ng		99
53)	3-Nitroaniline	9.880	138	106784	39.743	ng		92
54)	2,4-Dinitrophenol	9.980	184	61489	39.080	ng		91
55)	Dibenzofuran	10.127	168	555575	39.446	ng		99
56)	4-Nitrophenol	10.039	139	74640	38.813	ng		96
57)	2,4-Dinitrotoluene	10.110	165	144204	40.867	ng		96
58)	Fluorene	10.469	166	449001	39.429	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.245	232	125692m	38.341	ng		
60)	Diethylphthalate	10.339	149	466386	39.634	ng		100
61)	4-Chlorophenyl-phenyle...	10.463	204	238273	39.368	ng		97
62)	4-Nitroaniline	10.498	138	107505	39.755	ng		98
63)	Azobenzene	10.622	77	520639	40.291	ng		96
65)	4,6-Dinitro-2-methylph...	10.522	198	88828	40.892	ng		84
66)	n-Nitrosodiphenylamine	10.580	169	380140	38.743	ng		98
67)	4-Bromophenyl-phenylether	10.951	248	145575	38.956	ng		94
68)	Hexachlorobenzene	11.016	284	158366	38.533	ng		93
69)	Atrazine	11.110	200	125356	38.327	ng		96
70)	Pentachlorophenol	11.210	266	84121	38.564	ng		99
71)	Phenanthrene	11.439	178	660047	38.257	ng		99
72)	Anthracene	11.486	178	649462	38.446	ng		99
73)	Carbazole	11.645	167	567263	38.813	ng		99
74)	Di-n-butylphthalate	11.974	149	709321	38.977	ng		99
75)	Fluoranthene	12.627	202	742698	38.653	ng		99
77)	Benzidine	12.751	184	144004	41.721	ng		98
78)	Pyrene	12.863	202	733209	42.843	ng		99
80)	Butylbenzylphthalate	13.480	149	248595	41.185	ng		97
81)	Benzo(a)anthracene	14.051	228	544514	40.166	ng		99
82)	3,3'-Dichlorobenzidine	14.015	252	153382	40.525	ng		99
83)	Chrysene	14.092	228	516651	40.378	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	283160	39.342	ng	#	99
85)	Di-n-octyl phthalate	14.657	149	421750	41.978	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.068	276	497293	45.512	ng		100
88)	Benzo(b)fluoranthene	15.115	252	426054	37.019	ng		99
89)	Benzo(k)fluoranthene	15.145	252	404662	36.033	ng		99
90)	Benzo(a)pyrene	15.492	252	346263	37.982	ng		99
91)	Dibenzo(a,h)anthracene	17.086	278	414663	45.922	ng		99
92)	Benzo(g,h,i)perylene	17.527	276	407513	45.660	ng		97

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

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