Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
Data File : BF126999.D
Acq On : 22 Feb 2022 10:03
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 12:24:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	83518	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	334368	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	172307	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	316673	20.000	ng	#	0.00
76) Chrysene-d12	14.098	240	235397	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	178479	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	440674	81.551	ng		0.00
7) Phenol-d6	6.539	99	583847	80.072	ng		0.00
23) Nitrobenzene-d5	7.486	82	584229	78.867	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	173377	87.393	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	937810	80.125	ng		0.00
79) Terphenyl-d14	13.033	244	1163893	72.684	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	100724	40.735	ng		97
3) Pyridine	3.493	79	261339	40.295	ng	#	90
4) n-Nitrosodimethylamine	3.463	42	128046	40.303	ng	#	75
6) Aniline	6.587	93	345754	40.021	ng		97
8) 2-Chlorophenol	6.704	128	234991	40.530	ng		96
9) Benzaldehyde	6.475	77	154816	34.881	ng		99
10) Phenol	6.557	94	296809	40.286	ng		85
11) bis(2-Chloroethyl)ether	6.657	93	223496	38.676	ng		99
12) 1,3-Dichlorobenzene	6.863	146	254248	40.651	ng		97
13) 1,4-Dichlorobenzene	6.939	146	260028	41.010	ng		98
14) 1,2-Dichlorobenzene	7.092	146	242301	40.072	ng		98
15) Benzyl Alcohol	7.057	79	245470	39.961	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.192	45	327543	35.996	ng		95
17) 2-Methylphenol	7.163	107	199402	39.751	ng	#	92
18) Hexachloroethane	7.434	117	98843	40.669	ng	#	88
19) n-Nitroso-di-n-propyla...	7.328	70	182435	38.829	ng		98
20) 3+4-Methylphenols	7.316	107	264600	40.621	ng	#	76
22) Acetophenone	7.328	105	346466	39.355	ng		97
24) Nitrobenzene	7.504	77	274683	39.252	ng		97
25) Isophorone	7.739	82	460215	37.544	ng	#	98
26) 2-Nitrophenol	7.816	139	123043	41.296	ng	#	75
27) 2,4-Dimethylphenol	7.845	122	190405	38.900	ng		89
28) bis(2-Chloroethoxy)met...	7.945	93	281554	37.887	ng		100
29) 2,4-Dichlorophenol	8.057	162	185127	40.229	ng		99
30) 1,2,4-Trichlorobenzene	8.139	180	205680	39.978	ng		98
31) Naphthalene	8.228	128	681944	39.070	ng		99
32) Benzoic acid	7.963	122	144680	41.679	ng		85
33) 4-Chloroaniline	8.269	127	273670	39.834	ng		95
34) Hexachlorobutadiene	8.333	225	121950	40.601	ng		97
35) Caprolactam	8.645	113	63520	39.527	ng		95
36) 4-Chloro-3-methylphenol	8.745	107	235816	40.096	ng		96
37) 2-Methylnaphthalene	8.916	142	439389	38.795	ng		97
38) 1-Methylnaphthalene	9.016	142	429890	39.637	ng		99
40) 1,2,4,5-Tetrachloroben...	9.080	216	184568	40.692	ng		98
41) Hexachlorocyclopentadiene	9.063	237	99280	40.357	ng		95
43) 2,4,6-Trichlorophenol	9.186	196	134356	40.387	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.227	196	139554	39.865	ng		93
46)	1,1'-Biphenyl	9.380	154	533547	39.083	ng		97
47)	2-Chloronaphthalene	9.404	162	397954	39.310	ng		92
48)	2-Nitroaniline	9.504	65	160953	40.290	ng		95
49)	Acenaphthylene	9.822	152	658790	40.062	ng		98
50)	Dimethylphthalate	9.680	163	488574	39.669	ng		99
51)	2,6-Dinitrotoluene	9.745	165	103560	41.328	ng		97
52)	Acenaphthene	9.998	154	428860	40.101	ng		94
53)	3-Nitroaniline	9.916	138	123411	40.290	ng		91
54)	2,4-Dinitrophenol	10.016	184	59506	44.866	ng	#	87
55)	Dibenzofuran	10.169	168	587036	39.919	ng		91
56)	4-Nitrophenol	10.063	139	96643	42.719	ng	#	75
57)	2,4-Dinitrotoluene	10.145	165	137995	40.730	ng	#	97
58)	Fluorene	10.510	166	458049	39.987	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.280	232	118080	42.547	ng		94
60)	Diethylphthalate	10.374	149	512896	39.854	ng		99
61)	4-Chlorophenyl-phenyle...	10.498	204	217991	40.359	ng		93
62)	4-Nitroaniline	10.533	138	125574	41.516	ng	#	79
63)	Azobenzene	10.663	77	549949	38.376	ng		93
65)	4,6-Dinitro-2-methylph...	10.557	198	82266	44.213	ng		92
66)	n-Nitrosodiphenylamine	10.622	169	397866	38.315	ng		99
67)	4-Bromophenyl-phenylether	10.992	248	140593	39.736	ng		96
68)	Hexachlorobenzene	11.057	284	149865	39.345	ng		92
69)	Atrazine	11.145	200	132103	41.018	ng		96
70)	Pentachlorophenol	11.245	266	90609	43.577	ng		99
71)	Phenanthrene	11.474	178	700045	39.495	ng		100
72)	Anthracene	11.527	178	691279	39.176	ng		99
73)	Carbazole	11.680	167	647109	39.990	ng		98
74)	Di-n-butylphthalate	12.004	149	827068	39.758	ng		99
75)	Fluoranthene	12.663	202	706609	41.986	ng		95
77)	Benzidine	12.786	184	269712m	42.162	ng		
78)	Pyrene	12.898	202	712095	34.820	ng		99
80)	Butylbenzylphthalate	13.504	149	359538	37.136	ng		93
81)	Benzo(a)anthracene	14.086	228	624779	39.370	ng		98
82)	3,3'-Dichlorobenzidine	14.045	252	213927	42.774	ng	#	96
83)	Chrysene	14.121	228	585963	39.265	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.062	149	486308	38.259	ng	#	98
85)	Di-n-octyl phthalate	14.680	149	750176	40.990	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.115	276	417356	35.662	ng	#	85
88)	Benzo(b)fluoranthene	15.151	252	490030	40.879	ng	#	92
89)	Benzo(k)fluoranthene	15.180	252	483866	41.849	ng	#	95
90)	Benzo(a)pyrene	15.527	252	375903	40.146	ng	#	93
91)	Dibenzo(a,h)anthracene	17.133	278	344664	35.609	ng	#	91
92)	Benzo(g,h,i)perylene	17.580	276	333847	34.986	ng	#	86

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

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