Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131641.D
Acq On : 15 Dec 2022 10:36
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 01:46:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 01:44:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	68761	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	232657	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	132829	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	245723	20.000	ng		0.00
76) Chrysene-d12	14.080	240	119570	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	110967	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	331494	80.427	ng		0.00
7) Phenol-d6	6.516	99	431609	79.911	ng		0.00
23) Nitrobenzene-d5	7.451	82	483421	78.556	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	118329	80.181	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	826452	78.451	ng		0.00
79) Terphenyl-d14	13.021	244	764552	87.690	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	78500	42.195	ng		98
3) Pyridine	3.369	79	221876	42.956	ng		98
4) n-Nitrosodimethylamine	3.340	42	105244	36.946	ng	#	91
6) Aniline	6.545	93	264484	40.945	ng		97
8) 2-Chlorophenol	6.669	128	173889	39.811	ng		94
9) Benzaldehyde	6.434	77	133928	36.196	ng		97
10) Phenol	6.528	94	250606m	41.597	ng		
11) bis(2-Chloroethyl)ether	6.622	93	184363	40.824	ng		96
12) 1,3-Dichlorobenzene	6.822	146	200816	39.655	ng		98
13) 1,4-Dichlorobenzene	6.898	146	202160	39.577	ng		99
14) 1,2-Dichlorobenzene	7.057	146	188221	38.574	ng		95
15) Benzyl Alcohol	7.028	79	195793	39.541	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	227841	39.057	ng		100
17) 2-Methylphenol	7.139	107	159957	40.634	ng		96
18) Hexachloroethane	7.398	117	81750	39.674	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	152993	37.776	ng		95
20) 3+4-Methylphenols	7.292	107	213878	39.890	ng		90
22) Acetophenone	7.298	105	279449	38.328	ng	#	98
24) Nitrobenzene	7.475	77	244369	39.372	ng		92
25) Isophorone	7.710	82	392792	39.627	ng		99
26) 2-Nitrophenol	7.786	139	94599	44.694	ng		95
27) 2,4-Dimethylphenol	7.822	122	134536	41.470	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	207282	40.424	ng		99
29) 2,4-Dichlorophenol	8.028	162	160653	40.050	ng		94
30) 1,2,4-Trichlorobenzene	8.110	180	192344	39.100	ng		99
31) Naphthalene	8.192	128	513177	39.162	ng		99
32) Benzoic acid	7.951	122	94551m	40.243	ng		
33) 4-Chloroaniline	8.245	127	200095	40.737	ng		99
34) Hexachlorobutadiene	8.304	225	134497	38.794	ng		99
35) Caprolactam	8.628	113	44421m	42.809	ng		
36) 4-Chloro-3-methylphenol	8.728	107	180210	40.008	ng		97
37) 2-Methylnaphthalene	8.886	142	349775	39.030	ng		100
38) 1-Methylnaphthalene	8.986	142	333534	38.770	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	199684	40.611	ng		98
41) Hexachlorocyclopentadiene	9.039	237	86650	34.719	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	128173	42.144	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	137380	42.002	ng		99
46)	1,1'-Biphenyl	9.357	154	428444	40.796	ng		99
47)	2-Chloronaphthalene	9.380	162	351210	41.046	ng		99
48)	2-Nitroaniline	9.480	65	125768	41.493	ng		93
49)	Acenaphthylene	9.798	152	521769	41.530	ng		100
50)	Dimethylphthalate	9.663	163	414493	40.934	ng		99
51)	2,6-Dinitrotoluene	9.722	165	90838	43.454	ng		89
52)	Acenaphthene	9.969	154	348373m	41.392	ng		
53)	3-Nitroaniline	9.898	138	87667	43.709	ng		99
54)	2,4-Dinitrophenol	9.998	184	45936	40.517	ng		93
55)	Dibenzofuran	10.145	168	488067	41.041	ng		98
56)	4-Nitrophenol	10.057	139	58797	42.199	ng	#	76
57)	2,4-Dinitrotoluene	10.127	165	119847	43.219	ng		96
58)	Fluorene	10.486	166	391169	40.461	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	111557m	40.277	ng		
60)	Diethylphthalate	10.357	149	392664	40.410	ng		99
61)	4-Chlorophenyl-phenyle...	10.480	204	207346	38.810	ng		96
62)	4-Nitroaniline	10.516	138	83574	42.049	ng		92
63)	Azobenzene	10.639	77	434373	39.193	ng		97
65)	4,6-Dinitro-2-methylph...	10.539	198	69353	44.562	ng		81
66)	n-Nitrosodiphenylamine	10.598	169	319830	40.260	ng		99
67)	4-Bromophenyl-phenylether	10.969	248	123708	39.135	ng		94
68)	Hexachlorobenzene	11.033	284	133179	38.951	ng	#	92
69)	Atrazine	11.127	200	103541	41.044	ng		98
70)	Pentachlorophenol	11.227	266	63863	36.281	ng		100
71)	Phenanthrene	11.457	178	554281	40.469	ng		100
72)	Anthracene	11.510	178	534049	40.078	ng		100
73)	Carbazole	11.663	167	443023	40.731	ng		100
74)	Di-n-butylphthalate	11.992	149	548744	41.124	ng		99
75)	Fluoranthene	12.651	202	568503	40.309	ng		98
77)	Benzidine	12.774	184	100755	31.449	ng		99
78)	Pyrene	12.880	202	550918	46.727	ng		99
80)	Butylbenzylphthalate	13.498	149	162575	47.648	ng		94
81)	Benzo(a)anthracene	14.068	228	371975	43.078	ng		99
82)	3,3'-Dichlorobenzidine	14.033	252	101099	41.152	ng		95
83)	Chrysene	14.110	228	353201	43.025	ng		97
84)	Bis(2-ethylhexyl)phtha...	14.057	149	168076	36.907	ng		100
85)	Di-n-octyl phthalate	14.674	149	229030m	32.019	ng		
87)	Indeno(1,2,3-cd)pyrene	17.109	276	386357	42.663	ng		99
88)	Benzo(b)fluoranthene	15.139	252	303568	41.507	ng		99
89)	Benzo(k)fluoranthene	15.168	252	282571	37.016	ng		98
90)	Benzo(a)pyrene	15.521	252	252719	40.490	ng		99
91)	Dibenzo(a,h)anthracene	17.127	278	315827	42.374	ng		100
92)	Benzo(g,h,i)perylene	17.574	276	317197	42.345	ng		99

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

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