Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
Data File : BF128026.D
Acq On : 02 May 2022 15:17
Operator : CG\JU
Sample : N2641-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Quant Time: May 02 15:46:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	97050	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	373314	20.000	ng		0.00
39) Acenaphthene-d10	9.975	164	202814	20.000	ng		0.00
64) Phenanthrene-d10	11.469	188	325485	20.000	ng		0.00
76) Chrysene-d12	14.115	240	205950	20.000	ng		0.00
86) Perylene-d12	15.627	264	224211	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	598504	98.226	ng		0.00
7) Phenol-d6	6.563	99	800759	101.282	ng		0.00
23) Nitrobenzene-d5	7.498	82	566382	71.344	ng		0.00
42) 2,4,6-Tribromophenol	10.769	330	207073	101.424	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	914439	76.277	ng		0.00
79) Terphenyl-d14	13.051	244	752310	66.795	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	104446	35.927	ng		96
3) Pyridine	3.569	79	282381	37.909	ng		99
4) n-Nitrosodimethylamine	3.534	42	172029	47.712	ng		94
6) Aniline	6.592	93	223651	23.809	ng		97
8) 2-Chlorophenol	6.716	128	309745	48.979	ng		99
9) Benzaldehyde	6.487	77	204966	41.906	ng		97
10) Phenol	6.575	94	380687m	47.741	ng		
11) bis(2-Chloroethyl)ether	6.663	93	316536	47.853	ng		97
12) 1,3-Dichlorobenzene	6.869	146	333523	45.817	ng		96
13) 1,4-Dichlorobenzene	6.945	146	336522	46.314	ng		97
14) 1,2-Dichlorobenzene	7.098	146	324657	48.265	ng		97
15) Benzyl Alcohol	7.075	79	293219	54.537	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.204	45	477202	47.202	ng		98
17) 2-Methylphenol	7.181	107	273179	50.066	ng		98
18) Hexachloroethane	7.439	117	128933	48.267	ng		96
19) n-Nitroso-di-n-propyla...	7.339	70	241111	49.819	ng		95
20) 3+4-Methylphenols	7.334	107	313088	47.499	ng	#	84
22) Acetophenone	7.339	105	431180	47.388	ng	#	92
24) Nitrobenzene	7.516	77	371210	48.525	ng		100
25) Isophorone	7.751	82	683659	51.166	ng		99
26) 2-Nitrophenol	7.828	139	163637	50.198	ng		96
27) 2,4-Dimethylphenol	7.863	122	277779	51.303	ng		98
28) bis(2-Chloroethoxy)met...	7.957	93	398146	46.496	ng		99
29) 2,4-Dichlorophenol	8.075	162	261238	46.054	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	290330	45.059	ng		99
31) Naphthalene	8.239	128	870791	45.798	ng		99
32) Benzoic acid	7.992	122	191404	49.319	ng		95
33) 4-Chloroaniline	8.281	127	67354	8.953	ng		98
34) Hexachlorobutadiene	8.345	225	194721	47.978	ng		98
35) Caprolactam	8.669	113	85054m	46.452	ng		
36) 4-Chloro-3-methylphenol	8.769	107	292953	48.358	ng		96
37) 2-Methylnaphthalene	8.928	142	584504	46.515	ng		100
38) 1-Methylnaphthalene	9.028	142	555776	45.504	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	292116	48.866	ng		98
41) Hexachlorocyclopentadiene	9.075	237	283336	87.481	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	187832	47.752	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.251	196	199615	46.683	ng		95
46)	1,1'-Biphenyl	9.392	154	734201	48.871	ng		99
47)	2-Chloronaphthalene	9.422	162	534649	46.748	ng		98
48)	2-Nitroaniline	9.516	65	195779	50.606	ng		95
49)	Acenaphthylene	9.839	152	861547	49.247	ng		99
50)	Dimethylphthalate	9.692	163	664132	48.827	ng		99
51)	2,6-Dinitrotoluene	9.757	165	148539	50.439	ng		92
52)	Acenaphthene	10.010	154	591108m	50.258	ng		
53)	3-Nitroaniline	9.928	138	72073	22.039	ng		99
54)	2,4-Dinitrophenol	10.039	184	121882	78.586	ng	#	81
55)	Dibenzofuran	10.180	168	767549	45.232	ng		98
56)	4-Nitrophenol	10.092	139	184268	73.791	ng		90
57)	2,4-Dinitrotoluene	10.163	165	190350	48.797	ng	#	80
58)	Fluorene	10.527	166	589220	46.533	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.298	232	156438	43.506	ng		99
60)	Diethylphthalate	10.392	149	657582	49.302	ng		99
61)	4-Chlorophenyl-phenyle...	10.516	204	299413	47.585	ng		99
62)	4-Nitroaniline	10.545	138	116819	36.539	ng		98
63)	Azobenzene	10.675	77	675819	46.048	ng		99
65)	4,6-Dinitro-2-methylph...	10.575	198	84655	43.772	ng		97
66)	n-Nitrosodiphenylamine	10.633	169	518643	51.210	ng		99
67)	4-Bromophenyl-phenylether	11.004	248	183902	50.968	ng		100
68)	Hexachlorobenzene	11.075	284	191816	50.457	ng	#	90
69)	Atrazine	11.163	200	178282	56.928	ng		98
70)	Pentachlorophenol	11.269	266	174496	78.023	ng		97
71)	Phenanthrene	11.492	178	777733	45.648	ng		99
72)	Anthracene	11.545	178	790399	46.571	ng		100
73)	Carbazole	11.698	167	656909	40.160	ng		99
74)	Di-n-butylphthalate	12.016	149	913442	49.662	ng		99
75)	Fluoranthene	12.680	202	696113	38.821	ng		99
77)	Benzidine	12.804	184	225464	57.858	ng		97
78)	Pyrene	12.916	202	688258	41.398	ng		99
80)	Butylbenzylphthalate	13.521	149	298971	45.880	ng		96
81)	Benzo(a)anthracene	14.104	228	658148	47.945	ng		100
82)	3,3'-Dichlorobenzidine	14.063	252	140026	32.127	ng		99
83)	Chrysene	14.139	228	613054	46.762	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.074	149	421259	48.748	ng		98
85)	Di-n-octyl phthalate	14.692	149	726792	54.272	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.174	276	537425	35.911	ng		98
88)	Benzo(b)fluoranthene	15.180	252	695176	49.365	ng		99
89)	Benzo(k)fluoranthene	15.210	252	664094	46.808	ng		97
90)	Benzo(a)pyrene	15.568	252	659142	56.427	ng	#	97
91)	Dibenzo(a,h)anthracene	17.192	278	475300	39.600	ng		98
92)	Benzo(g,h,i)perylene	17.651	276	420659	33.257	ng		98

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

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