Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129923.D
Acq On : 19 Aug 2022 22:36
Operator : CG\JU
Sample : N4093-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 07:54:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 20 07:47:33 2022
Response via : Initial Calibration

08/22/2022
Supervised By :Jagrut Upadhyay

08/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	135499	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	546026	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	293863	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	506449	20.000	ng		0.00
76) Chrysene-d12	13.963	240	314832	20.000	ng		0.00
86) Perylene-d12	15.416	264	256219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1065312	130.173	ng		0.02
7) Phenol-d6	6.451	99	1248456	121.820	ng		0.00
23) Nitrobenzene-d5	7.363	82	911121	89.325	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	417983	141.720	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1699734	87.849	ng		0.00
79) Terphenyl-d14	12.898	244	1910923	100.995	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	157797	46.736	ng	#	83
3) Pyridine	3.440	79	373772	42.303	ng		99
4) n-Nitrosodimethylamine	3.363	42	224793	55.205	ng		100
6) Aniline	6.457	93	282677	24.201	ng	#	86
8) 2-Chlorophenol	6.587	128	488397	53.608	ng		96
9) Benzaldehyde	6.346	77	122739	18.823	ng		96
10) Phenol	6.463	94	522607	46.488	ng		82
11) bis(2-Chloroethyl)ether	6.528	93	479001	56.111	ng		99
12) 1,3-Dichlorobenzene	6.728	146	446045	45.351	ng		99
13) 1,4-Dichlorobenzene	6.804	146	456819	45.456	ng		98
14) 1,2-Dichlorobenzene	6.957	146	432495	46.337	ng		100
15) Benzyl Alcohol	6.945	79	436317	56.395	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	599230	52.386	ng		96
17) 2-Methylphenol	7.063	107	379506	51.879	ng		98
18) Hexachloroethane	7.293	117	173858	46.069	ng		96
19) n-Nitroso-di-n-propyla...	7.210	70	354170	54.674	ng		96
20) 3+4-Methylphenols	7.216	107	504601	51.388	ng		90
22) Acetophenone	7.204	105	739693	55.590	ng	#	96
24) Nitrobenzene	7.381	77	520375	50.594	ng		98
25) Isophorone	7.616	82	970907	55.304	ng		99
26) 2-Nitrophenol	7.692	139	265613	52.502	ng		96
27) 2,4-Dimethylphenol	7.740	122	391802	54.001	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	597989	58.338	ng		99
29) 2,4-Dichlorophenol	7.945	162	415693	52.397	ng		100
30) 1,2,4-Trichlorobenzene	8.010	180	380707	45.487	ng		98
31) Naphthalene	8.092	128	1358288	47.576	ng		100
32) Benzoic acid	7.904	122	228849	63.441	ng		93
33) 4-Chloroaniline	8.151	127	256592	22.855	ng		99
34) Hexachlorobutadiene	8.198	225	231160	45.359	ng		99
35) Caprolactam	8.551	113	117301m	47.546	ng		
36) 4-Chloro-3-methylphenol	8.651	107	454470	53.100	ng		98
37) 2-Methylnaphthalene	8.781	142	929403	49.600	ng		99
38) 1-Methylnaphthalene	8.881	142	888517	48.791	ng		97
40) 1,2,4,5-Tetrachloroben...	8.951	216	417091	51.031	ng		100
41) Hexachlorocyclopentadiene	8.928	237	247748	88.078	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	277053	52.172	ng		96

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44)	2,4,5-Trichlorophenol	9.128	196	287770	50.369	ng		96
46)	1,1'-Biphenyl	9.245	154	1154573	51.718	ng		99
47)	2-Chloronaphthalene	9.275	162	888515	50.301	ng		99
48)	2-Nitroaniline	9.386	65	287433	51.491	ng		91
49)	Acenaphthylene	9.692	152	1325108	49.471	ng		100
50)	Dimethylphthalate	9.551	163	1086824	51.591	ng		99
51)	2,6-Dinitrotoluene	9.628	165	237222	51.912	ng		88
52)	Acenaphthene	9.863	154	817808	50.324	ng		100
53)	3-Nitroaniline	9.798	138	145693	28.830	ng		98
54)	2,4-Dinitrophenol	9.916	184	238431	112.982	ng		98
55)	Dibenzofuran	10.034	168	1224758	50.165	ng		97
56)	4-Nitrophenol	9.992	139	227754	101.303	ng		99
57)	2,4-Dinitrotoluene	10.039	165	311713	52.547	ng	#	87
58)	Fluorene	10.381	166	1012554	49.671	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.163	232	225838	53.863	ng	#	82
60)	Diethylphthalate	10.251	149	1058724	50.403	ng		99
61)	4-Chlorophenyl-phenyle...	10.369	204	463951	50.715	ng		98
62)	4-Nitroaniline	10.422	138	229825m	45.079	ng		
63)	Azobenzene	10.528	77	1006357	50.123	ng		99
65)	4,6-Dinitro-2-methylph...	10.451	198	156725	52.713	ng		100
66)	n-Nitrosodiphenylamine	10.492	169	856008	50.077	ng		100
67)	4-Bromophenyl-phenylether	10.857	248	300752	50.701	ng		95
68)	Hexachlorobenzene	10.928	284	329321	51.252	ng		95
69)	Atrazine	11.022	200	206379	39.337	ng		98
70)	Pentachlorophenol	11.133	266	249126	126.148	ng		96
71)	Phenanthrene	11.345	178	1417650	50.120	ng		100
72)	Anthracene	11.398	178	1424228	50.634	ng		100
73)	Carbazole	11.557	167	1328160	52.016	ng		100
74)	Di-n-butylphthalate	11.869	149	1669548	50.805	ng		100
75)	Fluoranthene	12.533	202	1451321	50.143	ng		98
77)	Benzidine	12.657	184	51425	1.646	ng		99
78)	Pyrene	12.763	202	1450957	53.035	ng		100
80)	Butylbenzylphthalate	13.369	149	639495	55.240	ng		95
81)	Benzo(a)anthracene	13.957	228	1100652	50.821	ng		99
82)	3,3'-Dichlorobenzidine	13.916	252	190757	28.439	ng	#	99
83)	Chrysene	13.992	228	1005180	49.582	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.922	149	822773	59.905	ng		100
85)	Di-n-octyl phthalate	14.533	149	1101170	58.079	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.886	276	996333	56.643	ng		100
88)	Benzo(b)fluoranthene	14.998	252	898624	51.219	ng		100
89)	Benzo(k)fluoranthene	15.027	252	871077	51.771	ng		98
90)	Benzo(a)pyrene	15.363	252	754615	54.617	ng		100
91)	Dibenzo(a,h)anthracene	16.892	278	874114	60.227	ng		100
92)	Benzo(g,h,i)perylene	17.327	276	882472	60.946	ng		97

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

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