Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129319.D
Acq On : 22 Jul 2022 17:04
Operator : CG\JU
Sample : N3789-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 18:13:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	123930	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	505291	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	260470	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	409809	20.000	ng		0.00
76) Chrysene-d12	14.074	240	244576	20.000	ng	#	0.00
86) Perylene-d12	15.563	264	240105	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1016457	133.776	ng		0.02
7) Phenol-d6	6.528	99	1201342	124.030	ng		0.00
23) Nitrobenzene-d5	7.463	82	923798	98.359	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	394570	157.012	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1649573	97.425	ng		0.00
79) Terphenyl-d14	13.016	244	1455421	110.830	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	140743	41.774	ng	#	77
3) Pyridine	3.628	79	322167	34.634	ng		95
4) n-Nitrosodimethylamine	3.563	42	226618	54.260	ng	#	93
6) Aniline	6.563	93	416071	34.910	ng		99
8) 2-Chlorophenol	6.681	128	432013	51.865	ng		98
9) Benzaldehyde	6.451	77	137889	20.753	ng		100
10) Phenol	6.540	94	440428m	43.267	ng		
11) bis(2-Chloroethyl)ether	6.634	93	412765	51.225	ng		94
12) 1,3-Dichlorobenzene	6.840	146	457940	51.010	ng		97
13) 1,4-Dichlorobenzene	6.910	146	464679	51.154	ng		98
14) 1,2-Dichlorobenzene	7.063	146	446029	53.140	ng		97
15) Benzyl Alcohol	7.040	79	383448	54.566	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	591502	48.151	ng		89
17) 2-Methylphenol	7.145	107	344905	50.808	ng		95
18) Hexachloroethane	7.404	117	183546	53.854	ng		88
19) n-Nitroso-di-n-propyla...	7.310	70	313426	54.309	ng		99
20) 3+4-Methylphenols	7.298	107	414195	46.783	ng	#	89
22) Acetophenone	7.310	105	615834	51.907	ng	#	98
24) Nitrobenzene	7.481	77	476536	49.261	ng		99
25) Isophorone	7.716	82	857994	52.033	ng		99
26) 2-Nitrophenol	7.792	139	232473	49.806	ng		95
27) 2,4-Dimethylphenol	7.828	122	387265	55.151	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	510458	53.437	ng		99
29) 2,4-Dichlorophenol	8.034	162	359907	49.277	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	371574	48.952	ng		98
31) Naphthalene	8.198	128	1258147	48.548	ng		100
32) Benzoic acid	7.910	122	74328	14.482	ng		98
33) 4-Chloroaniline	8.245	127	210211	19.887	ng		98
34) Hexachlorobutadiene	8.310	225	236009	54.397	ng		98
35) Caprolactam	8.622	113	85907m	36.879	ng		
36) 4-Chloro-3-methylphenol	8.728	107	391533	50.459	ng		100
37) 2-Methylnaphthalene	8.892	142	826543	49.219	ng		100
38) 1-Methylnaphthalene	8.992	142	782967	48.191	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	365298	53.421	ng	#	97
41) Hexachlorocyclopentadiene	9.045	237	443962	147.298	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	246925	49.412	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	263829	48.668	ng	#	89
46)	1,1'-Biphenyl	9.357	154	999812	51.947	ng		98
47)	2-Chloronaphthalene	9.386	162	781535	50.692	ng		99
48)	2-Nitroaniline	9.481	65	253044	48.871	ng		97
49)	Acenaphthylene	9.798	152	1176448	49.690	ng		100
50)	Dimethylphthalate	9.657	163	887687	49.605	ng		99
51)	2,6-Dinitrotoluene	9.722	165	199549	49.802	ng		87
52)	Acenaphthene	9.975	154	745228	48.502	ng		100
53)	3-Nitroaniline	9.892	138	139685	29.298	ng		95
54)	2,4-Dinitrophenol	9.998	184	68003	33.540	ng		86
55)	Dibenzofuran	10.145	168	1063077	49.789	ng		95
56)	4-Nitrophenol	10.057	139	269231	77.329	ng		85
57)	2,4-Dinitrotoluene	10.128	165	254252	48.403	ng		98
58)	Fluorene	10.486	166	849367	49.842	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.263	232	200394	47.950	ng	#	89
60)	Diethylphthalate	10.357	149	848438	49.278	ng		99
61)	4-Chlorophenyl-phenyle...	10.475	204	392986	52.711	ng	#	86
62)	4-Nitroaniline	10.510	138	194284	41.258	ng		89
63)	Azobenzene	10.639	77	862784	48.437	ng		97
65)	4,6-Dinitro-2-methylph...	10.533	198	65801	26.105	ng		97
66)	n-Nitrosodiphenylamine	10.598	169	714596	52.744	ng		96
67)	4-Bromophenyl-phenylether	10.969	248	244538	55.303	ng		95
68)	Hexachlorobenzene	11.033	284	270241	55.802	ng		95
69)	Atrazine	11.122	200	223394	53.950	ng		96
70)	Pentachlorophenol	11.227	266	256915	96.493	ng		97
71)	Phenanthrene	11.451	178	1114570	49.551	ng		99
72)	Anthracene	11.504	178	1132745	50.823	ng		100
73)	Carbazole	11.657	167	1006071	48.392	ng		99
74)	Di-n-butylphthalate	11.980	149	1183434	49.266	ng		99
75)	Fluoranthene	12.645	202	1055954	46.063	ng		97
77)	Benzidine	12.763	184	430769	44.196	ng		99
78)	Pyrene	12.874	202	1042561	49.840	ng		98
80)	Butylbenzylphthalate	13.480	149	413984	48.501	ng		99
81)	Benzo(a)anthracene	14.063	228	809942	48.092	ng		100
82)	3,3'-Dichlorobenzidine	14.021	252	165335	29.908	ng		96
83)	Chrysene	14.098	228	760571	47.847	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	540833	51.595	ng		100
85)	Di-n-octyl phthalate	14.651	149	858013	57.196	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.086	276	910586	55.321	ng		96
88)	Benzo(b)fluoranthene	15.127	252	801572	50.158	ng		99
89)	Benzo(k)fluoranthene	15.157	252	746509	48.108	ng		99
90)	Benzo(a)pyrene	15.504	252	695659	53.800	ng		99
91)	Dibenzo(a,h)anthracene	17.104	278	788609	59.442	ng		97
92)	Benzo(g,h,i)perylene	17.551	276	786671	57.064	ng		96

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

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