Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131698.D
Acq On : 19 Dec 2022 20:09
Operator : CG\JU
Sample : N6065-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-23MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

Quant Time: Dec 20 08:03:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 00:23:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	74292	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	265003	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	145327	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	245630	20.000	ng		0.00
76) Chrysene-d12	14.074	240	141771	20.000	ng	#	0.00
86) Perylene-d12	15.574	264	170137	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	532504	119.578	ng		0.01
7) Phenol-d6	6.510	99	683153	117.067	ng		0.00
23) Nitrobenzene-d5	7.445	82	470625	67.142	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	174127	107.843	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	792640	68.770	ng		0.00
79) Terphenyl-d14	13.010	244	637960	61.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	89605	44.578	ng		97
3) Pyridine	3.428	79	246563	44.182	ng		96
4) n-Nitrosodimethylamine	3.399	42	125099	40.646	ng	#	87
6) Aniline	6.540	93	214599	30.749	ng		98
8) 2-Chlorophenol	6.657	128	224458	47.562	ng		96
9) Benzaldehyde	6.428	77	187972	47.020	ng		97
10) Phenol	6.522	94	314020m	48.242	ng		
11) bis(2-Chloroethyl)ether	6.610	93	235655	48.297	ng		99
12) 1,3-Dichlorobenzene	6.816	146	249268	45.558	ng		96
13) 1,4-Dichlorobenzene	6.893	146	249592	45.225	ng		99
14) 1,2-Dichlorobenzene	7.045	146	240067	45.536	ng		96
15) Benzyl Alcohol	7.022	79	244335	45.671	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	298551	47.368	ng		98
17) 2-Methylphenol	7.134	107	200984	47.256	ng		96
18) Hexachloroethane	7.387	117	99685	44.776	ng		92
19) n-Nitroso-di-n-propyla...	7.292	70	190847	43.615	ng		95
20) 3+4-Methylphenols	7.287	107	255395	44.087	ng	#	80
22) Acetophenone	7.287	105	362606	43.664	ng		95
24) Nitrobenzene	7.463	77	297479	42.079	ng		95
25) Isophorone	7.704	82	527072	46.683	ng		99
26) 2-Nitrophenol	7.781	139	120197	49.857	ng		91
27) 2,4-Dimethylphenol	7.816	122	202227	54.727	ng		95
28) bis(2-Chloroethoxy)met...	7.916	93	293836	50.309	ng		98
29) 2,4-Dichlorophenol	8.022	162	199745	43.717	ng		96
30) 1,2,4-Trichlorobenzene	8.104	180	238237	42.518	ng		97
31) Naphthalene	8.187	128	640805	42.933	ng		99
32) Benzoic acid	7.939	122	108763	40.641	ng		97
33) 4-Chloroaniline	8.234	127	65627	11.730	ng		99
34) Hexachlorobutadiene	8.298	225	156839	39.716	ng		99
35) Caprolactam	8.616	113	57132m	48.338	ng		
36) 4-Chloro-3-methylphenol	8.728	107	225078	43.870	ng		98
37) 2-Methylnaphthalene	8.881	142	430125	42.138	ng		97
38) 1-Methylnaphthalene	8.981	142	402807	41.107	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	250222	46.512	ng		99
41) Hexachlorocyclopentadiene	9.034	237	236545	86.628	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	152489	45.827	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	157134	43.910	ng		98
46) 1,1'-Biphenyl	9.351	154	544093	47.352	ng		98
47) 2-Chloronaphthalene	9.375	162	432331	46.181	ng		99
48) 2-Nitroaniline	9.475	65	148214	44.693	ng		89
49) Acenaphthylene	9.792	152	630452	45.865	ng		99
50) Dimethylphthalate	9.651	163	512629	46.272	ng		99
51) 2,6-Dinitrotoluene	9.716	165	107903	47.179	ng	#	85
52) Acenaphthene	9.963	154	421525m	45.776	ng		
53) 3-Nitroaniline	9.886	138	53406	24.337	ng		93
54) 2,4-Dinitrophenol	9.992	184	66094	51.993	ng		97
55) Dibenzofuran	10.133	168	583680	44.860	ng		99
56) 4-Nitrophenol	10.051	139	133644	87.669	ng	#	79
57) 2,4-Dinitrotoluene	10.122	165	144831	47.737	ng		92
58) Fluorene	10.481	166	453623	42.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	124823m	41.191	ng		
60) Diethylphthalate	10.351	149	475704	44.745	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	248514	42.515	ng		98
62) 4-Nitroaniline	10.504	138	89739	41.268	ng	#	84
63) Azobenzene	10.633	77	520722	42.944	ng		95
65) 4,6-Dinitro-2-methylph...	10.528	198	55797	35.865	ng		89
66) n-Nitrosodiphenylamine	10.592	169	383237	48.260	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	146705	46.428	ng		99
68) Hexachlorobenzene	11.028	284	156078	45.665	ng		99
69) Atrazine	11.122	200	134688	53.411	ng		96
70) Pentachlorophenol	11.222	266	137428	78.103	ng		99
71) Phenanthrene	11.445	178	602930	44.038	ng		99
72) Anthracene	11.498	178	607175	45.583	ng		100
73) Carbazole	11.657	167	486729	44.767	ng		99
74) Di-n-butylphthalate	11.980	149	622349	46.658	ng		99
75) Fluoranthene	12.639	202	555520	39.404	ng		99
77) Benzidine	12.763	184	238489	62.784	ng		99
78) Pyrene	12.869	202	546716	39.109	ng		99
80) Butylbenzylphthalate	13.492	149	197537	48.828	ng		93
81) Benzo(a)anthracene	14.063	228	469990	45.906	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	72476	24.881	ng		96
83) Chrysene	14.104	228	452372	46.476	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	260063	47.238	ng		99
85) Di-n-octyl phthalate	14.668	149	451044	49.733	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	554238	39.916	ng		98
88) Benzo(b)fluoranthene	15.133	252	530397	47.300	ng		99
89) Benzo(k)fluoranthene	15.163	252	466847	39.887	ng	#	98
90) Benzo(a)pyrene	15.510	252	450559	47.082	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	462051	40.433	ng		100
92) Benzo(g,h,i)perylene	17.557	276	445762	38.812	ng		98

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

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