Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
Data File : BF130518.D
Acq On : 04 Oct 2022 15:10
Operator : CG\JU
Sample : N4914-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 05 02:18:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.634	152	78388	20.000	ng		-0.01
21) Naphthalene-d8	7.922	136	297553	20.000	ng		0.00
39) Acenaphthene-d10	9.669	164	136382	20.000	ng		-0.01
64) Phenanthrene-d10	11.145	188	196183	20.000	ng		-0.01
76) Chrysene-d12	13.780	240	156441	20.000	ng		-0.01
86) Perylene-d12	15.168	264	186083	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	683641	151.267	ng		0.01
7) Phenol-d6	6.287	99	756298	133.743	ng		0.00
23) Nitrobenzene-d5	7.204	82	583887	100.251	ng		-0.01
42) 2,4,6-Tribromophenol	10.457	330	206514	158.030	ng		-0.01
45) 2-Fluorobiphenyl	8.998	172	1003161	107.110	ng		-0.01
79) Terphenyl-d14	12.733	244	812348	86.016	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.404	88	143240	69.011	ng	#	84
3) Pyridine	3.063	79	323268	59.705	ng		93
4) n-Nitrosodimethylamine	2.993	42	144796	49.170	ng		89
6) Aniline	6.304	93	117570	16.874	ng	#	1
8) 2-Chlorophenol	6.422	128	275219	53.459	ng		98
9) Benzaldehyde	6.187	77	88632	23.399	ng		92
10) Phenol	6.304	94	836263	126.191	ng		99
11) bis(2-Chloroethyl)ether	6.381	93	269955	56.477	ng		94
12) 1,3-Dichlorobenzene	6.575	146	295048	52.085	ng		98
13) 1,4-Dichlorobenzene	6.651	146	300546	52.027	ng		99
14) 1,2-Dichlorobenzene	6.804	146	289183	53.588	ng		97
15) Benzyl Alcohol	6.792	79	195651	43.638	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.922	45	343260	49.237	ng		72
17) 2-Methylphenol	6.910	107	339860	81.208	ng		95
18) Hexachloroethane	7.139	117	118659	52.110	ng		96
19) n-Nitroso-di-n-propyla...	7.063	70	191781	50.260	ng		93
20) 3+4-Methylphenols	7.069	107	593863	109.234	ng	#	54
22) Acetophenone	7.051	105	405225	55.703	ng	#	91
24) Nitrobenzene	7.222	77	300785	50.861	ng		98
25) Isophorone	7.469	82	526324	56.067	ng		100
26) 2-Nitrophenol	7.539	139	143810	59.320	ng		90
27) 2,4-Dimethylphenol	7.592	122	322028	86.270	ng		96
28) bis(2-Chloroethoxy)met...	7.681	93	347994	65.835	ng		97
29) 2,4-Dichlorophenol	7.792	162	208281	50.917	ng		96
30) 1,2,4-Trichlorobenzene	7.863	180	230798	52.187	ng		96
31) Naphthalene	7.951	128	5483160	357.685	ng		97
32) Benzoic acid	7.728	122	218908	75.834	ng	#	33
33) 4-Chloroaniline	7.998	127	63116	10.826	ng		99
34) Hexachlorobutadiene	8.057	225	145577	51.506	ng		100
35) Caprolactam	8.381	113	45656	38.933	ng		90
36) 4-Chloro-3-methylphenol	8.492	107	210412	46.407	ng		99
37) 2-Methylnaphthalene	8.633	142	751606	76.899	ng		99
38) 1-Methylnaphthalene	8.728	142	662492	70.558	ng		98
40) 1,2,4,5-Tetrachloroben...	8.798	216	219936	59.092	ng		97
41) Hexachlorocyclopentadiene	8.781	237	181240	90.952	ng		99
43) 2,4,6-Trichlorophenol	8.916	196	131985	50.811	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.963	196	139414	49.736	ng	97
46) 1,1'-Biphenyl	9.098	154	624500	61.312	ng	98
47) 2-Chloronaphthalene	9.116	162	453325	55.018	ng	99
48) 2-Nitroaniline	9.222	65	126997	46.212	ng	95
49) Acenaphthylene	9.528	152	839104	67.922	ng	100
50) Dimethylphthalate	9.404	163	478628	50.806	ng	99
51) 2,6-Dinitrotoluene	9.463	165	102478	52.013	ng	96
52) Acenaphthene	9.698	154	409983	50.510	ng	99
53) 3-Nitroaniline	9.633	138	36852	16.786	ng	94
54) 2,4-Dinitrophenol	9.745	184	94999	88.191	ng	91
55) Dibenzofuran	9.875	168	643189	56.970	ng	97
56) 4-Nitrophenol	9.816	139	111858	69.954	ng	84
57) 2,4-Dinitrotoluene	9.869	165	128080	50.866	ng	94
58) Fluorene	10.216	166	524168	56.770	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.998	232	100506	45.810	ng	95
60) Diethylphthalate	10.098	149	458584	48.542	ng	99
61) 4-Chlorophenyl-phenyle...	10.210	204	213396	52.685	ng	99
62) 4-Nitroaniline	10.245	138	86280m	39.122	ng	
63) Azobenzene	10.369	77	452797	46.547	ng	96
65) 4,6-Dinitro-2-methylph...	10.275	198	60675	55.559	ng	89
66) n-Nitrosodiphenylamine	10.333	169	370328	56.488	ng	98
67) 4-Bromophenyl-phenylether	10.698	248	130580	60.336	ng	94
68) Hexachlorobenzene	10.757	284	144364	58.845	ng	98
69) Atrazine	10.863	200	86684	45.245	ng	98
70) Pentachlorophenol	10.963	266	121392	92.198	ng	98
71) Phenanthrene	11.174	178	710585	64.513	ng	100
72) Anthracene	11.222	178	613832	57.749	ng	99
73) Carbazole	11.386	167	716144	74.655	ng	99
74) Di-n-butylphthalate	11.716	149	650427	56.227	ng	99
75) Fluoranthene	12.357	202	575018	54.026	ng	97
77) Benzidine	12.486	184	43863	9.659	ng	97
78) Pyrene	12.580	202	581653	42.501	ng	99
80) Butylbenzylphthalate	13.210	149	258849	51.056	ng	97
81) Benzo(a)anthracene	13.768	228	551681	53.009	ng	99
82) 3,3'-Dichlorobenzidine	13.739	252	97673	34.477	ng	99
83) Chrysene	13.804	228	533852	54.024	ng	99
84) Bis(2-ethylhexyl)phtha...	13.768	149	360650	62.103	ng	99
85) Di-n-octyl phthalate	14.380	149	646423	72.777	ng	97
87) Indeno(1,2,3-cd)pyrene	16.492	276	689145	52.224	ng	100
88) Benzo(b)fluoranthene	14.780	252	716687	59.008	ng	100
89) Benzo(k)fluoranthene	14.810	252	581037	48.632	ng	99
90) Benzo(a)pyrene	15.115	252	564232	58.639	ng	98
91) Dibenzo(a,h)anthracene	16.504	278	608254	56.188	ng	98
92) Benzo(g,h,i)perylene	16.892	276	562009	51.538	ng	99

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

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