Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130299.D
Acq On : 16 Sep 2022 19:55
Operator : CG\JU
Sample : N4656-31MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 17 03:28:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 03:22:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.669	152	88479	20.000	ng		0.00
21) Naphthalene-d8	7.951	136	334438	20.000	ng		0.00
39) Acenaphthene-d10	9.698	164	167129	20.000	ng		0.00
64) Phenanthrene-d10	11.175	188	245087	20.000	ng		0.00
76) Chrysene-d12	13.804	240	145062	20.000	ng		0.00
86) Perylene-d12	15.198	264	178289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	643617	126.169	ng		0.01
7) Phenol-d6	6.310	99	814932	127.676	ng		0.00
23) Nitrobenzene-d5	7.240	82	543179	82.976	ng		0.00
42) 2,4,6-Tribromophenol	10.486	330	189867	118.562	ng		0.00
45) 2-Fluorobiphenyl	9.028	172	977905	85.205	ng		0.00
79) Terphenyl-d14	12.763	244	689793	78.769	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.358	88	95270	40.665	ng		98
3) Pyridine	3.034	79	236701	38.731	ng		96
4) n-Nitrosodimethylamine	2.999	42	143364	43.131	ng		97
6) Aniline	6.334	93	321565	40.888	ng		99
8) 2-Chlorophenol	6.451	128	282879	48.680	ng		96
9) Benzaldehyde	6.216	77	177056	41.412	ng		97
10) Phenol	6.322	94	351954	47.052	ng		97
11) bis(2-Chloroethyl)ether	6.410	93	255681	47.390	ng		96
12) 1,3-Dichlorobenzene	6.610	146	310456	48.554	ng		96
13) 1,4-Dichlorobenzene	6.687	146	313815	48.128	ng		99
14) 1,2-Dichlorobenzene	6.840	146	297978	48.921	ng		97
15) Benzyl Alcohol	6.816	79	206149	40.735	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.951	45	345632	43.923	ng		95
17) 2-Methylphenol	6.928	107	215792	45.682	ng		98
18) Hexachloroethane	7.181	117	120585	46.917	ng		96
19) n-Nitroso-di-n-propyla...	7.093	70	192080	44.597	ng		94
20) 3+4-Methylphenols	7.087	107	271848	44.301	ng		93
22) Acetophenone	7.087	105	398957	48.793	ng	#	95
24) Nitrobenzene	7.257	77	299342	45.034	ng		94
25) Isophorone	7.498	82	516831	48.984	ng		98
26) 2-Nitrophenol	7.569	139	143212	52.558	ng		95
27) 2,4-Dimethylphenol	7.610	122	229059	54.596	ng		95
28) bis(2-Chloroethoxy)met...	7.710	93	308254	51.885	ng		99
29) 2,4-Dichlorophenol	7.810	162	223345	48.578	ng		98
30) 1,2,4-Trichlorobenzene	7.893	180	238214	47.923	ng		97
31) Naphthalene	7.975	128	805300	46.739	ng		99
32) Benzoic acid	7.681	122	25262	7.786	ng		91
33) 4-Chloroaniline	8.028	127	209077	31.905	ng		97
34) Hexachlorobutadiene	8.092	225	151284	47.622	ng		99
35) Caprolactam	8.392	113	55010m	41.736	ng		
36) 4-Chloro-3-methylphenol	8.510	107	238057	46.714	ng		99
37) 2-Methylnaphthalene	8.663	142	518019	47.154	ng		100
38) 1-Methylnaphthalene	8.763	142	486636	46.112	ng		99
40) 1,2,4,5-Tetrachloroben...	8.828	216	234017	51.308	ng		99
41) Hexachlorocyclopentadiene	8.816	237	312460	127.956	ng		98
43) 2,4,6-Trichlorophenol	8.939	196	147813	46.436	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.981	196	158171	46.047	ng		96
46)	1,1'-Biphenyl	9.128	154	618633	49.562	ng		98
47)	2-Chloronaphthalene	9.151	162	482428	47.779	ng		98
48)	2-Nitroaniline	9.251	65	142804	42.404	ng		91
49)	Acenaphthylene	9.563	152	706535	46.670	ng		100
50)	Dimethylphthalate	9.434	163	518393	44.904	ng		99
51)	2,6-Dinitrotoluene	9.492	165	113037	46.818	ng		93
52)	Acenaphthene	9.734	154	449381m	45.178	ng		
53)	3-Nitroaniline	9.657	138	83602	31.075	ng		98
54)	2,4-Dinitrophenol	9.763	184	41435	35.417	ng	#	85
55)	Dibenzofuran	9.904	168	632080	45.686	ng		99
56)	4-Nitrophenol	9.822	139	159736	81.518	ng		95
57)	2,4-Dinitrotoluene	9.892	165	142826	46.287	ng		94
58)	Fluorene	10.245	166	499524	44.148	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.022	232	103141	38.362	ng		99
60)	Diethylphthalate	10.128	149	499801	43.172	ng		99
61)	4-Chlorophenyl-phenyle...	10.245	204	232284	46.798	ng		94
62)	4-Nitroaniline	10.269	138	109159	40.390	ng		93
63)	Azobenzene	10.404	77	485297	40.710	ng		96
65)	4,6-Dinitro-2-methylph...	10.292	198	43105	31.594	ng		98
66)	n-Nitrosodiphenylamine	10.363	169	407243	49.724	ng		98
67)	4-Bromophenyl-phenylether	10.733	248	142045	52.537	ng		91
68)	Hexachlorobenzene	10.786	284	158103	51.586	ng		93
69)	Atrazine	10.892	200	120854	50.494	ng		97
70)	Pentachlorophenol	10.981	266	119953	72.926	ng		99
71)	Phenanthrene	11.204	178	627002	45.566	ng		99
72)	Anthracene	11.257	178	629816	47.430	ng		99
73)	Carbazole	11.410	167	537353	44.839	ng		99
74)	Di-n-butylphthalate	11.751	149	645751	44.684	ng		98
75)	Fluoranthene	12.386	202	538310	40.485	ng		97
77)	Benzidine	12.516	184	376468	89.401	ng		99
78)	Pyrene	12.610	202	526346	41.477	ng		100
80)	Butylbenzylphthalate	13.239	149	210352	44.745	ng		98
81)	Benzo(a)anthracene	13.798	228	450237	46.656	ng		100
82)	3,3'-Dichlorobenzidine	13.769	252	107869	41.063	ng	#	98
83)	Chrysene	13.833	228	425418	46.428	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.798	149	277953	51.617	ng		100
85)	Di-n-octyl phthalate	14.410	149	489217	59.398	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.527	276	647612	51.222	ng		99
88)	Benzo(b)fluoranthene	14.810	252	551395	47.384	ng		98
89)	Benzo(k)fluoranthene	14.833	252	511072	44.646	ng		99
90)	Benzo(a)pyrene	15.139	252	484025	52.502	ng		99
91)	Dibenzo(a,h)anthracene	16.545	278	559913	53.984	ng		98
92)	Benzo(g,h,i)perylene	16.927	276	545091	52.171	ng		98

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

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