Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131122.D
Acq On : 10 Nov 2022 14:28
Operator : CG\JU
Sample : N5378-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

Quant Time: Nov 11 00:47:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	74735	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	283719	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	155116	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	271537	20.000	ng		0.00
76) Chrysene-d12	14.080	240	155731	20.000	ng		0.00
86) Perylene-d12	15.574	264	154606	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	559584	127.335	ng		0.01
7) Phenol-d6	6.522	99	716873	124.774	ng		0.00
23) Nitrobenzene-d5	7.457	82	480993	76.491	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	195886	122.193	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	771013	69.388	ng		0.00
79) Terphenyl-d14	13.016	244	700290	78.843	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	79088	36.562	ng		95
3) Pyridine	3.510	79	228937	38.545	ng		99
4) n-Nitrosodimethylamine	3.481	42	130630	38.126	ng		91
6) Aniline	6.551	93	231663	32.846	ng		97
8) 2-Chlorophenol	6.675	128	242144	47.896	ng		98
9) Benzaldehyde	6.445	77	163644	43.771	ng		96
10) Phenol	6.534	94	309024	46.012	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	233559	48.607	ng		99
12) 1,3-Dichlorobenzene	6.828	146	263595	46.885	ng		98
13) 1,4-Dichlorobenzene	6.904	146	266986	46.749	ng		99
14) 1,2-Dichlorobenzene	7.057	146	251872	47.612	ng		97
15) Benzyl Alcohol	7.034	79	220919	50.275	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	408693	50.726	ng		99
17) 2-Methylphenol	7.145	107	191020	45.175	ng		98
18) Hexachloroethane	7.398	117	102548	48.156	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	177107	46.950	ng		99
20) 3+4-Methylphenols	7.298	107	239627	45.358	ng	#	77
22) Acetophenone	7.304	105	335872	47.305	ng		94
24) Nitrobenzene	7.475	77	279102	45.819	ng		98
25) Isophorone	7.716	82	487363	50.125	ng		97
26) 2-Nitrophenol	7.792	139	124991	46.244	ng		95
27) 2,4-Dimethylphenol	7.828	122	220037	53.086	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	288134	52.291	ng		99
29) 2,4-Dichlorophenol	8.034	162	204609	46.173	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	215623	45.123	ng		99
31) Naphthalene	8.198	128	690133	44.518	ng		99
32) Benzoic acid	7.951	122	88812	32.622	ng		97
33) 4-Chloroaniline	8.245	127	121403	19.530	ng		98
34) Hexachlorobutadiene	8.310	225	143904	44.073	ng		97
35) Caprolactam	8.628	113	62118m	45.727	ng		
36) 4-Chloro-3-methylphenol	8.733	107	226236	46.135	ng		99
37) 2-Methylnaphthalene	8.892	142	443005	44.331	ng		99
38) 1-Methylnaphthalene	8.992	142	411379	42.035	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	227289	44.872	ng		99
41) Hexachlorocyclopentadiene	9.039	237	188203	95.227	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	146429	44.050	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	157716	42.406	ng		98
46)	1,1'-Biphenyl	9.357	154	544941	45.437	ng		99
47)	2-Chloronaphthalene	9.380	162	431087	44.294	ng		99
48)	2-Nitroaniline	9.480	65	157785	44.546	ng		98
49)	Acenaphthylene	9.798	152	657044	44.182	ng		99
50)	Dimethylphthalate	9.657	163	506546	45.908	ng		100
51)	2,6-Dinitrotoluene	9.722	165	111729	46.076	ng		98
52)	Acenaphthene	9.975	154	388790	43.828	ng		98
53)	3-Nitroaniline	9.892	138	67176	24.231	ng		94
54)	2,4-Dinitrophenol	10.004	184	102371	80.431	ng	#	89
55)	Dibenzofuran	10.145	168	581882	44.293	ng		97
56)	4-Nitrophenol	10.063	139	153534	83.208	ng		97
57)	2,4-Dinitrotoluene	10.133	165	150618	46.726	ng		94
58)	Fluorene	10.486	166	463013	43.395	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	125992	44.056	ng		100
60)	Diethylphthalate	10.357	149	498365	46.899	ng		100
61)	4-Chlorophenyl-phenyle...	10.480	204	225765	45.467	ng		98
62)	4-Nitroaniline	10.516	138	110399	39.405	ng		98
63)	Azobenzene	10.639	77	507961	45.669	ng		100
65)	4,6-Dinitro-2-methylph...	10.539	198	74630	42.747	ng		83
66)	n-Nitrosodiphenylamine	10.598	169	429283	47.025	ng		99
67)	4-Bromophenyl-phenylether	10.969	248	143920	46.872	ng		98
68)	Hexachlorobenzene	11.033	284	159186	46.519	ng		96
69)	Atrazine	11.127	200	139741	49.450	ng		98
70)	Pentachlorophenol	11.233	266	124282	71.829	ng		98
71)	Phenanthrene	11.457	178	668266	44.747	ng		99
72)	Anthracene	11.510	178	671174	46.305	ng		100
73)	Carbazole	11.663	167	576800	44.749	ng		99
74)	Di-n-butylphthalate	11.986	149	728508	50.111	ng		99
75)	Fluoranthene	12.645	202	660894	44.210	ng		99
77)	Benzidine	12.769	184	183816	40.009	ng		99
78)	Pyrene	12.880	202	660929	49.467	ng		99
80)	Butylbenzylphthalate	13.492	149	254003	53.099	ng		97
81)	Benzo(a)anthracene	14.068	228	510036	45.820	ng		99
82)	3,3'-Dichlorobenzidine	14.027	252	109893	34.590	ng		99
83)	Chrysene	14.104	228	475584	45.241	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.045	149	321043	62.171	ng		99
85)	Di-n-octyl phthalate	14.663	149	505754	77.233	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.104	276	534132	42.688	ng		99
88)	Benzo(b)fluoranthene	15.133	252	493095	45.111	ng		98
89)	Benzo(k)fluoranthene	15.168	252	453260	43.142	ng		99
90)	Benzo(a)pyrene	15.515	252	431959	49.291	ng		99
91)	Dibenzo(a,h)anthracene	17.121	278	447545	44.006	ng		99
92)	Benzo(g,h,i)perylene	17.562	276	440016	41.154	ng		99

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

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