Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131022.D
Acq On : 05 Nov 2022 16:31
Operator : CG\JU
Sample : N5335-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 07 00:49:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:46:02 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	86305	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	335177	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	159438	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	304184	20.000	ng		0.00
76) Chrysene-d12	14.092	240	226290	20.000	ng		0.00
86) Perylene-d12	15.592	264	178747	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	522893	105.034	ng		0.02
7) Phenol-d6	6.534	99	638505	98.697	ng		0.00
23) Nitrobenzene-d5	7.469	82	414695	74.604	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	182628	136.072	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	727882	69.022	ng		0.00
79) Terphenyl-d14	13.033	244	786669	63.703	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	90362	40.484	ng		92
3) Pyridine	3.534	79	213728	34.187	ng		94
4) n-Nitrosodimethylamine	3.510	42	145561	41.475	ng	#	92
6) Aniline	6.569	93	247864m	30.985	ng		
8) 2-Chlorophenol	6.687	128	234888	42.355	ng		95
9) Benzaldehyde	6.457	77	169041	40.825	ng		94
10) Phenol	6.545	94	275842m	39.623	ng		
11) bis(2-Chloroethyl)ether	6.640	93	215839	39.771	ng		95
12) 1,3-Dichlorobenzene	6.845	146	278107	44.255	ng		99
13) 1,4-Dichlorobenzene	6.922	146	279589	43.831	ng		99
14) 1,2-Dichlorobenzene	7.075	146	257403	43.572	ng		98
15) Benzyl Alcohol	7.045	79	233540	42.454	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	379988	39.281	ng		97
17) 2-Methylphenol	7.157	107	190848	40.263	ng		98
18) Hexachloroethane	7.416	117	101590	44.067	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	170532	38.743	ng		97
20) 3+4-Methylphenols	7.310	107	221444	35.931	ng	#	70
22) Acetophenone	7.316	105	324848	39.974	ng	#	91
24) Nitrobenzene	7.492	77	263314	43.321	ng		96
25) Isophorone	7.728	82	460116	40.141	ng		98
26) 2-Nitrophenol	7.804	139	118726	49.411	ng	#	87
27) 2,4-Dimethylphenol	7.839	122	206544	43.296	ng		98
28) bis(2-Chloroethoxy)met...	7.939	93	274116	42.819	ng		98
29) 2,4-Dichlorophenol	8.045	162	184860	37.669	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	228601	43.320	ng		98
31) Naphthalene	8.210	128	729305	41.705	ng		99
32) Benzoic acid	7.963	122	122546	38.042	ng		96
33) 4-Chloroaniline	8.257	127	169965	24.596	ng		99
34) Hexachlorobutadiene	8.322	225	151396	43.219	ng		99
35) Caprolactam	8.634	113	58478m	37.185	ng		
36) 4-Chloro-3-methylphenol	8.745	107	206766	38.843	ng		96
37) 2-Methylnaphthalene	8.904	142	432335	39.304	ng		99
38) 1-Methylnaphthalene	9.004	142	390380	36.467	ng		100
40) 1,2,4,5-Tetrachloroben...	9.069	216	212972	47.103	ng		98
41) Hexachlorocyclopentadiene	9.051	237	260772	109.769	ng		99
43) 2,4,6-Trichlorophenol	9.181	196	142992	45.513	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.222	196	150415	44.811	ng		96
46)	1,1'-Biphenyl	9.369	154	508650	44.779	ng		99
47)	2-Chloronaphthalene	9.398	162	402333	44.171	ng		96
48)	2-Nitroaniline	9.492	65	145471	49.524	ng		98
49)	Acenaphthylene	9.816	152	609962	42.377	ng		99
50)	Dimethylphthalate	9.675	163	465362	42.495	ng		100
51)	2,6-Dinitrotoluene	9.733	165	102043	48.959	ng		99
52)	Acenaphthene	9.986	154	439089m	49.334	ng		
53)	3-Nitroaniline	9.904	138	68659	32.188	ng	#	94
54)	2,4-Dinitrophenol	10.016	184	107023	97.337	ng		94
55)	Dibenzofuran	10.157	168	541020	41.937	ng		96
56)	4-Nitrophenol	10.075	139	157055	92.991	ng		92
57)	2,4-Dinitrotoluene	10.145	165	140075	53.126	ng		97
58)	Fluorene	10.504	166	462466	45.526	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.275	232	123902	44.772	ng		99
60)	Diethylphthalate	10.375	149	492225	45.703	ng		98
61)	4-Chlorophenyl-phenyle...	10.492	204	230137	47.356	ng		98
62)	4-Nitroaniline	10.528	138	110490	51.155	ng		94
63)	Azobenzene	10.657	77	504676	44.889	ng		97
65)	4,6-Dinitro-2-methylph...	10.551	198	78079	59.202	ng		94
66)	n-Nitrosodiphenylamine	10.616	169	418659	44.125	ng		99
67)	4-Bromophenyl-phenylether	10.986	248	144353	47.189	ng		95
68)	Hexachlorobenzene	11.051	284	159684	47.378	ng		94
69)	Atrazine	11.145	200	138682	50.613	ng		93
70)	Pentachlorophenol	11.245	266	151840	78.949	ng		96
71)	Phenanthrene	11.469	178	659298	41.994	ng		99
72)	Anthracene	11.522	178	669724	43.249	ng		99
73)	Carbazole	11.674	167	577948	41.676	ng		100
74)	Di-n-butylphthalate	12.004	149	773696	45.938	ng		98
75)	Fluoranthene	12.663	202	670135	40.173	ng		99
77)	Benzidine	12.786	184	288805	52.575	ng		99
78)	Pyrene	12.892	202	718519	37.635	ng		98
80)	Butylbenzylphthalate	13.510	149	279281	40.660	ng		87
81)	Benzo(a)anthracene	14.080	228	642209	42.805	ng		100
82)	3,3'-Dichlorobenzidine	14.045	252	171048	42.242	ng		95
83)	Chrysene	14.121	228	595361	41.140	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.063	149	421120	50.992	ng		99
85)	Di-n-octyl phthalate	14.680	149	557964	48.953	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.115	276	580432	48.898	ng		97
88)	Benzo(b)fluoranthene	15.151	252	512268	44.334	ng		99
89)	Benzo(k)fluoranthene	15.180	252	485615	43.130	ng		99
90)	Benzo(a)pyrene	15.527	252	434446	46.772	ng		98
91)	Dibenzo(a,h)anthracene	17.139	278	487323	50.361	ng		97
92)	Benzo(g,h,i)perylene	17.586	276	497710	50.416	ng		98

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

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