Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131091.D
Acq On : 09 Nov 2022 17:25
Operator : CG\JU
Sample : PB148687BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB148687BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

Quant Time: Nov 10 04:30:56 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	6.893	152	97090	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	355756	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	191544	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	370600	20.000	ng	0.00
76) Chrysene-d12	14.080	240	242315	20.000	ng	0.00
86) Perylene-d12	15.568	264	174730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	770107	134.891	ng	0.02
7) Phenol-d6	6.528	99	969589	129.903	ng	0.00
23) Nitrobenzene-d5	7.463	82	633873	80.391	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	285044	143.994	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1067515	77.801	ng	0.00
79) Terphenyl-d14	13.016	244	1314057	95.081	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	94214	33.526	ng	98
3) Pyridine	3.516	79	259222	33.594	ng	99
4) n-Nitrosodimethylamine	3.481	42	182995	41.112	ng	91
6) Aniline	6.557	93	376790	41.122	ng	99
8) 2-Chlorophenol	6.681	128	302045	45.988	ng	99
9) Benzaldehyde	6.446	77	139921	28.808	ng	94
10) Phenol	6.540	94	373332	42.788	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	289736	46.414	ng	99
12) 1,3-Dichlorobenzene	6.834	146	315661	43.218	ng	97
13) 1,4-Dichlorobenzene	6.910	146	325712	43.901	ng	98
14) 1,2-Dichlorobenzene	7.063	146	315522	45.911	ng	98
15) Benzyl Alcohol	7.040	79	257948	45.186	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	472907	45.181	ng	99
17) 2-Methylphenol	7.145	107	225854	41.115	ng	98
18) Hexachloroethane	7.404	117	119442	43.174	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	207491	42.339	ng	98
20) 3+4-Methylphenols	7.298	107	283572	41.317	ng	92
22) Acetophenone	7.310	105	397610	44.660	ng	99
24) Nitrobenzene	7.481	77	323426	42.345	ng	99
25) Isophorone	7.722	82	570869	46.825	ng	97
26) 2-Nitrophenol	7.792	139	153256	45.220	ng	95
27) 2,4-Dimethylphenol	7.828	122	251036	48.301	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	335379	48.541	ng	100
29) 2,4-Dichlorophenol	8.040	162	237761	42.790	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	253739	42.347	ng	99
31) Naphthalene	8.204	128	813700	41.860	ng	100
32) Benzoic acid	7.963	122	152603	42.585	ng	95
33) 4-Chloroaniline	8.251	127	256575	32.917	ng	98
34) Hexachlorobutadiene	8.310	225	169218	41.331	ng	99
35) Caprolactam	8.628	113	80520m	47.271	ng	
36) 4-Chloro-3-methylphenol	8.734	107	260783	42.412	ng	100
37) 2-Methylnaphthalene	8.892	142	515263	41.121	ng	96
38) 1-Methylnaphthalene	8.992	142	487345	39.714	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	262196	41.919	ng	99
41) Hexachlorocyclopentadiene	9.039	237	280602	114.978	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	169583	41.313	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	188840	41.119	ng		95
46) 1,1'-Biphenyl	9.357	154	635226	42.892	ng		99
47) 2-Chloronaphthalene	9.386	162	497319	41.381	ng		99
48) 2-Nitroaniline	9.486	65	185893	42.500	ng		87
49) Acenaphthylene	9.804	152	775859	42.250	ng		100
50) Dimethylphthalate	9.663	163	580766	42.625	ng		99
51) 2,6-Dinitrotoluene	9.728	165	131972	44.074	ng	#	81
52) Acenaphthene	9.975	154	458198	41.829	ng		98
53) 3-Nitroaniline	9.898	138	113947	33.285	ng		100
54) 2,4-Dinitrophenol	10.010	184	157474	100.195	ng		96
55) Dibenzofuran	10.145	168	687048	42.353	ng		99
56) 4-Nitrophenol	10.063	139	209051	91.749	ng		96
57) 2,4-Dinitrotoluene	10.134	165	178115	44.748	ng		92
58) Fluorene	10.492	166	548374	41.621	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	149992	42.474	ng		98
60) Diethylphthalate	10.363	149	565473	43.094	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	268233	43.746	ng		98
62) 4-Nitroaniline	10.516	138	143423	41.457	ng		97
63) Azobenzene	10.639	77	593066	43.180	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	102665	43.087	ng		89
66) n-Nitrosodiphenylamine	10.604	169	507489	40.732	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	181660	43.349	ng		98
68) Hexachlorobenzene	11.033	284	204147	43.712	ng		98
69) Atrazine	11.128	200	184928	47.948	ng		97
70) Pentachlorophenol	11.233	266	202891	84.833	ng		98
71) Phenanthrene	11.457	178	859274	42.157	ng		99
72) Anthracene	11.510	178	881671	44.568	ng		100
73) Carbazole	11.663	167	803611	45.680	ng		98
74) Di-n-butylphthalate	11.986	149	909817	45.854	ng		99
75) Fluoranthene	12.645	202	943338	46.236	ng		99
77) Benzidine	12.769	184	383625	53.664	ng		99
78) Pyrene	12.880	202	961012	46.226	ng		100
80) Butylbenzylphthalate	13.492	149	356460	47.891	ng		99
81) Benzo(a)anthracene	14.069	228	753765	43.520	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	206530	41.779	ng		99
83) Chrysene	14.104	228	705749	43.147	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	387578	48.237	ng		100
85) Di-n-octyl phthalate	14.663	149	493005	48.385	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	619504	43.708	ng		100
88) Benzo(b)fluoranthene	15.127	252	578229	46.807	ng		99
89) Benzo(k)fluoranthene	15.163	252	540030	45.481	ng		99
90) Benzo(a)pyrene	15.504	252	488083	49.281	ng		98
91) Dibenzo(a,h)anthracene	17.104	278	529538	45.892	ng		99
92) Benzo(g,h,i)perylene	17.551	276	503284	41.598	ng		100

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

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