Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
Data File : BF130814.D
Acq On : 27 Oct 2022 23:56
Operator : CG\JU
Sample : PB148514BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 28 04:55:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 04:00:21 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148514BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	94627	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	372091	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	206932	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	390072	20.000	ng	0.00
76) Chrysene-d12	14.139	240	234759	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	174856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	786609	144.110	ng	0.02
7) Phenol-d6	6.575	99	1022495	144.152	ng	0.00
23) Nitrobenzene-d5	7.522	82	652971	105.817	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	286311	164.362	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1226005	89.574	ng	0.00
79) Terphenyl-d14	13.086	244	1354548	105.732	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	97887	39.999	ng	91
3) Pyridine	3.616	79	268848	39.222	ng	98
4) n-Nitrosodimethylamine	3.587	42	190463	49.496	ng	97
6) Aniline	6.616	93	408817m	46.611	ng	
8) 2-Chlorophenol	6.740	128	308609	50.754	ng	100
9) Benzaldehyde	6.504	77	152925	33.685	ng	94
10) Phenol	6.587	94	368206	48.238	ng	98
11) bis(2-Chloroethyl)ether	6.693	93	294385	49.474	ng	98
12) 1,3-Dichlorobenzene	6.898	146	325638	47.261	ng	99
13) 1,4-Dichlorobenzene	6.975	146	328465	46.965	ng	99
14) 1,2-Dichlorobenzene	7.122	146	322374	49.770	ng	98
15) Benzyl Alcohol	7.093	79	290692m	48.196	ng	
16) 2,2'-oxybis(1-Chloropr...	7.228	45	537827	50.708	ng	99
17) 2-Methylphenol	7.198	107	257756	49.596	ng	99
18) Hexachloroethane	7.469	117	123624	48.908	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	232984	48.276	ng	96
20) 3+4-Methylphenols	7.351	107	320143	47.378	ng	94
22) Acetophenone	7.369	105	436227	48.354	ng	99
24) Nitrobenzene	7.540	77	345051	51.137	ng	99
25) Isophorone	7.781	82	643986	50.608	ng	99
26) 2-Nitrophenol	7.857	139	138838	51.831	ng	99
27) 2,4-Dimethylphenol	7.887	122	290483	54.851	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	372620	52.432	ng	98
29) 2,4-Dichlorophenol	8.092	162	264305	48.515	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	264512	45.152	ng	96
31) Naphthalene	8.263	128	883072	45.488	ng	100
32) Benzoic acid	8.004	122	185511	49.082	ng	94
33) 4-Chloroaniline	8.310	127	275067	35.857	ng	96
34) Hexachlorobutadiene	8.375	225	181780	46.744	ng	99
35) Caprolactam	8.681	113	88499m	50.692	ng	
36) 4-Chloro-3-methylphenol	8.787	107	297391	50.325	ng	97
37) 2-Methylnaphthalene	8.957	142	569697	46.653	ng	98
38) 1-Methylnaphthalene	9.057	142	540321	45.467	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	279430	47.618	ng	99
41) Hexachlorocyclopentadiene	9.110	237	389161	126.215	ng	98
43) 2,4,6-Trichlorophenol	9.228	196	194356	47.664	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	213490	49.005	ng		96
46) 1,1'-Biphenyl	9.422	154	713784	48.415	ng		99
47) 2-Chloronaphthalene	9.445	162	553703	46.838	ng		98
48) 2-Nitroaniline	9.539	65	193701	50.701	ng		99
49) Acenaphthylene	9.869	152	886364	47.446	ng		99
50) Dimethylphthalate	9.722	163	672691	47.328	ng		99
51) 2,6-Dinitrotoluene	9.786	165	142011	52.295	ng	#	84
52) Acenaphthene	10.039	154	594541	51.468	ng		99
53) 3-Nitroaniline	9.951	138	119840	43.288	ng		97
54) 2,4-Dinitrophenol	10.057	184	124710	90.629	ng		93
55) Dibenzofuran	10.210	168	792286	47.318	ng		99
56) 4-Nitrophenol	10.104	139	240999	109.943	ng		97
57) 2,4-Dinitrotoluene	10.186	165	184427	53.839	ng	#	88
58) Fluorene	10.557	166	609518	46.230	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	174034	48.454	ng		99
60) Diethylphthalate	10.428	149	683812	48.919	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	303974	48.194	ng		98
62) 4-Nitroaniline	10.575	138	150849	53.811	ng		98
63) Azobenzene	10.704	77	707429	48.482	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	79367	48.572	ng		93
66) n-Nitrosodiphenylamine	10.663	169	581183	47.767	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	190967	48.681	ng		98
68) Hexachlorobenzene	11.098	284	210368	48.673	ng		97
69) Atrazine	11.192	200	202772	57.709	ng		97
70) Pentachlorophenol	11.292	266	240084	97.345	ng		97
71) Phenanthrene	11.522	178	927553	46.072	ng		99
72) Anthracene	11.575	178	951914	47.937	ng		100
73) Carbazole	11.728	167	850845	47.845	ng		99
74) Di-n-butylphthalate	12.051	149	1044461	48.360	ng		99
75) Fluoranthene	12.710	202	986411	46.113	ng		99
77) Benzidine	12.833	184	501803	88.055	ng		99
78) Pyrene	12.945	202	990923	50.031	ng		99
80) Butylbenzylphthalate	13.557	149	380872	53.451	ng		97
81) Benzo(a)anthracene	14.133	228	736938	47.347	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	167735	39.929	ng		94
83) Chrysene	14.169	228	695201	46.306	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	457473	53.395	ng		100
85) Di-n-octyl phthalate	14.739	149	630067	53.285	ng		99
87) Indeno(1,2,3-cd)pyrene	17.215	276	640843	55.189	ng		99
88) Benzo(b)fluoranthene	15.210	252	556230	49.210	ng		99
89) Benzo(k)fluoranthene	15.239	252	548832	49.830	ng		99
90) Benzo(a)pyrene	15.592	252	479191	52.737	ng		98
91) Dibenzo(a,h)anthracene	17.239	278	560312	59.193	ng		99
92) Benzo(g,h,i)perylene	17.692	276	575832	59.627	ng		98

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

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