Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132041.D
Acq On : 12 Jan 2023 14:56
Operator : CG\JU
Sample : PB150088BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 13 01:32:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 23:59:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150088BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

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01/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	72351	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	275152	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	167537	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	322508	20.000	ng		0.00
76) Chrysene-d12	13.962	240	198838	20.000	ng		0.00
86) Perylene-d12	15.415	264	145493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	609079	138.717	ng		0.02
7) Phenol-d6	6.428	99	797358	136.963	ng		0.00
23) Nitrobenzene-d5	7.351	82	551545	83.194	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	241491	125.365	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	976862	78.712	ng		0.00
79) Terphenyl-d14	12.904	244	1216132	87.662	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	72428	37.769	ng		99
3) Pyridine	3.257	79	185781	34.518	ng		97
4) n-Nitrosodimethylamine	3.228	42	112170	44.346	ng		94
6) Aniline	6.439	93	178485	23.302	ng	#	1
8) 2-Chlorophenol	6.563	128	208568	47.344	ng		96
9) Benzaldehyde	6.322	77	67558	17.440	ng		98
10) Phenol	6.439	94	292660	45.064	ng		97
11) bis(2-Chloroethyl)ether	6.516	93	219652	44.867	ng		100
12) 1,3-Dichlorobenzene	6.710	146	222142	45.272	ng		99
13) 1,4-Dichlorobenzene	6.792	146	222693	44.855	ng		97
14) 1,2-Dichlorobenzene	6.939	146	214513	45.494	ng		98
15) Benzyl Alcohol	6.928	79	229263	45.223	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	264681	42.841	ng	#	28
17) 2-Methylphenol	7.045	107	187813	43.080	ng		94
18) Hexachloroethane	7.281	117	90423	44.041	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	174833	41.515	ng		97
20) 3+4-Methylphenols	7.198	107	244872	43.751	ng	#	90
22) Acetophenone	7.192	105	339410	42.367	ng	#	95
24) Nitrobenzene	7.369	77	282172	41.808	ng		99
25) Isophorone	7.610	82	494594	39.935	ng		99
26) 2-Nitrophenol	7.681	139	111811	42.103	ng		91
27) 2,4-Dimethylphenol	7.728	122	194689	43.921	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	274750	40.083	ng		99
29) 2,4-Dichlorophenol	7.933	162	195915	43.150	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	215280	41.401	ng		98
31) Naphthalene	8.086	128	596063	40.992	ng		99
32) Benzoic acid	7.886	122	116383	45.288	ng		95
33) 4-Chloroaniline	8.145	127	129077	21.511	ng		94
34) Hexachlorobutadiene	8.198	225	142310	39.473	ng		99
35) Caprolactam	8.533	113	62698m	47.018	ng		
36) 4-Chloro-3-methylphenol	8.645	107	235292	44.154	ng		97
37) 2-Methylnaphthalene	8.780	142	413973	39.639	ng		99
38) 1-Methylnaphthalene	8.880	142	389836	40.290	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	233034	39.473	ng		99
41) Hexachlorocyclopentadiene	8.928	237	174899	61.639	ng		97
43) 2,4,6-Trichlorophenol	9.069	196	145615	40.978	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	156606	37.855	ng	96
46) 1,1'-Biphenyl	9.245	154	523415	40.477	ng	98
47) 2-Chloronaphthalene	9.275	162	418024	41.651	ng	98
48) 2-Nitroaniline	9.380	65	157509	43.208	ng	97
49) Acenaphthylene	9.686	152	631914	40.574	ng	100
50) Dimethylphthalate	9.557	163	518344	39.691	ng	100
51) 2,6-Dinitrotoluene	9.622	165	114475	41.678	ng	88
52) Acenaphthene	9.863	154	380891	40.742	ng	98
53) 3-Nitroaniline	9.792	138	70888	26.602	ng	93
54) 2,4-Dinitrophenol	9.910	184	128414	93.115	ng	98
55) Dibenzofuran	10.033	168	587819	39.889	ng	98
56) 4-Nitrophenol	9.980	139	127080	84.665	ng	97
57) 2,4-Dinitrotoluene	10.033	165	155650	42.385	ng	100
58) Fluorene	10.374	166	483197	41.046	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	129230	41.923	ng	93
60) Diethylphthalate	10.257	149	504166	39.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	258854	38.411	ng	98
62) 4-Nitroaniline	10.416	138	103781	43.312	ng	97
63) Azobenzene	10.527	77	537460	39.455	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	89098	42.840	ng	99
66) n-Nitrosodiphenylamine	10.492	169	421270	41.635	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	157383	39.009	ng	99
68) Hexachlorobenzene	10.922	284	171940	42.129	ng	93
69) Atrazine	11.021	200	111186	30.218	ng	99
70) Pentachlorophenol	11.127	266	140044m	65.199	ng	
71) Phenanthrene	11.345	178	707786	42.099	ng	99
72) Anthracene	11.392	178	726142	41.955	ng	99
73) Carbazole	11.557	167	631405	44.065	ng	99
74) Di-n-butylphthalate	11.874	149	767406	38.463	ng	99
75) Fluoranthene	12.533	202	791425	41.857	ng	98
77) Benzidine	12.657	184	105864	16.026	ng	96
78) Pyrene	12.763	202	790759	43.603	ng	99
80) Butylbenzylphthalate	13.380	149	287811	39.318	ng	96
81) Benzo(a)anthracene	13.951	228	579531	40.061	ng	98
82) 3,3'-Dichlorobenzidine	13.915	252	143956	31.885	ng	98
83) Chrysene	13.992	228	539532	39.908	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	358542	36.154	ng	99
85) Di-n-octyl phthalate	14.551	149	494776	36.459	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	451328	50.580	ng	99
88) Benzo(b)fluoranthene	14.998	252	454965	45.592	ng	99
89) Benzo(k)fluoranthene	15.027	252	448691	45.053	ng	99
90) Benzo(a)pyrene	15.362	252	387584	43.108	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	387360	51.786	ng	99
92) Benzo(g,h,i)perylene	17.315	276	382856	47.816	ng	100

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

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