Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136680.D
Acq On : 22 Dec 2023 11:38
Operator : CG\JU
Sample : PB157641BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 22 12:05:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157641BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	74365	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	298144	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	154020	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	301427	20.000	ng		0.00
76) Chrysene-d12	13.969	240	155703	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	141973	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	430571	90.340	ng		0.00
7) Phenol-d6	6.434	99	542746	87.884	ng		0.00
23) Nitrobenzene-d5	7.351	82	491326	84.327	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	161817	89.208	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	964431	84.219	ng		0.00
79) Terphenyl-d14	12.910	244	1008903	90.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	73481	37.002	ng		97
3) Pyridine	3.387	79	182934	37.755	ng		96
4) n-Nitrosodimethylamine	3.363	42	115337	44.575	ng		93
6) Aniline	6.451	93	235426	38.129	ng	#	61
8) 2-Chlorophenol	6.575	128	239456	45.910	ng		96
9) Benzaldehyde	6.340	77	86767	24.701	ng		97
10) Phenol	6.446	94	289925	43.977	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	222838	44.446	ng		96
12) 1,3-Dichlorobenzene	6.728	146	242849	42.681	ng		97
13) 1,4-Dichlorobenzene	6.804	146	245028	42.147	ng		97
14) 1,2-Dichlorobenzene	6.951	146	233605	43.182	ng		99
15) Benzyl Alcohol	6.934	79	196040	47.053	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	366747	44.742	ng		100
17) 2-Methylphenol	7.045	107	196553	45.489	ng		97
18) Hexachloroethane	7.293	117	89390	42.338	ng		94
19) n-Nitroso-di-n-propyla...	7.204	70	165800	44.288	ng		98
20) 3+4-Methylphenols	7.198	107	237966	44.083	ng	#	88
22) Acetophenone	7.193	105	324839	43.469	ng		95
24) Nitrobenzene	7.369	77	246450	42.225	ng		99
25) Isophorone	7.610	82	460097	43.398	ng		99
26) 2-Nitrophenol	7.681	139	128217	45.916	ng		94
27) 2,4-Dimethylphenol	7.728	122	217976	64.117	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	283224	43.950	ng		99
29) 2,4-Dichlorophenol	7.928	162	199579	45.600	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	204492	41.934	ng		97
31) Naphthalene	8.087	128	694599	42.407	ng		100
32) Benzoic acid	7.869	122	146547	44.551	ng		96
33) 4-Chloroaniline	8.134	127	122292	20.222	ng		98
34) Hexachlorobutadiene	8.198	225	120302	40.604	ng		99
35) Caprolactam	8.516	113	67003m	46.405	ng		
36) 4-Chloro-3-methylphenol	8.628	107	223070	45.272	ng		97
37) 2-Methylnaphthalene	8.775	142	452879	42.963	ng		99
38) 1-Methylnaphthalene	8.875	142	421457	40.753	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	208264	43.662	ng		98
41) Hexachlorocyclopentadiene	8.928	237	219278	140.250	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	140392	45.894	ng		99

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44) 2,4,5-Trichlorophenol	9.104	196	156600	45.939	ng	95
46) 1,1'-Biphenyl	9.245	154	566713	43.848	ng	99
47) 2-Chloronaphthalene	9.269	162	426195	43.376	ng	99
48) 2-Nitroaniline	9.369	65	139892	45.466	ng	95
49) Acenaphthylene	9.686	152	687318	45.766	ng	100
50) Dimethylphthalate	9.551	163	504296	44.826	ng	100
51) 2,6-Dinitrotoluene	9.616	165	114259	44.751	ng	96
52) Acenaphthene	9.857	154	411324	44.183	ng	100
53) 3-Nitroaniline	9.781	138	79469	29.382	ng	95
54) 2,4-Dinitrophenol	9.898	184	127313	89.506	ng	94
55) Dibenzofuran	10.028	168	627814	44.488	ng	99
56) 4-Nitrophenol	9.963	139	177691	97.323	ng	98
57) 2,4-Dinitrotoluene	10.022	165	141639	42.733	ng	98
58) Fluorene	10.375	166	480456	42.908	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	128580	49.000	ng	99
60) Diethylphthalate	10.251	149	518792	44.445	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	231623	42.557	ng	98
62) 4-Nitroaniline	10.404	138	110779m	42.488	ng	
63) Azobenzene	10.528	77	487003	44.670	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	83746	48.479	ng	85
66) n-Nitrosodiphenylamine	10.486	169	441653	45.105	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	149168	44.560	ng	98
68) Hexachlorobenzene	10.922	284	162290	43.503	ng	97
69) Atrazine	11.022	200	140810	56.224	ng	98
70) Pentachlorophenol	11.122	266	153881	88.495	ng	97
71) Phenanthrene	11.339	178	701525	45.358	ng	98
72) Anthracene	11.392	178	716246	45.728	ng	99
73) Carbazole	11.551	167	658313	44.578	ng	100
74) Di-n-butylphthalate	11.880	149	826120	45.844	ng	99
75) Fluoranthene	12.533	202	733881	44.360	ng	99
77) Benzidine	12.657	184	152870	33.298	ng	98
78) Pyrene	12.763	202	731572	47.863	ng	100
80) Butylbenzylphthalate	13.386	149	276497	49.714	ng	99
81) Benzo(a)anthracene	13.957	228	495717	45.849	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	109013	35.504	ng	96
83) Chrysene	13.992	228	473545	44.789	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	346317	49.490	ng	98
85) Di-n-octyl phthalate	14.563	149	531943	49.143	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	519256	50.656	ng	100
88) Benzo(b)fluoranthene	15.010	252	411437	43.389	ng	99
89) Benzo(k)fluoranthene	15.039	252	412499	46.037	ng	99
90) Benzo(a)pyrene	15.380	252	364355	45.520	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	428877	50.998	ng	98
92) Benzo(g,h,i)perylene	17.404	276	425777	49.433	ng	99

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

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