Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126632.D
Acq On : 24 Jan 2022 12:12
Operator : CG/JU
Sample : PB142179BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 24 13:28:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB142179BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	120780	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	484557	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	271177	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	468449	20.000	ng		0.00
76) Chrysene-d12	14.157	240	346592	20.000	ng	#	0.00
86) Perylene-d12	15.686	264	267977	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	1014321	110.510	ng		0.01
7) Phenol-d6	6.586	99	1402371	109.969	ng		0.00
23) Nitrobenzene-d5	7.528	82	1037957	83.843	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	307627	121.218	ng		0.00
45) 2-Fluorobiphenyl	9.327	172	1294501	73.108	ng		0.00
79) Terphenyl-d14	13.092	244	1572138	76.081	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	149096	32.959	ng		88
3) Pyridine	3.645	79	359285	28.353	ng	#	82
4) n-Nitrosodimethylamine	3.610	42	176850	39.443	ng		82
6) Aniline	6.628	93	425878	26.650	ng		99
8) 2-Chlorophenol	6.745	128	357054	42.412	ng		90
9) Benzaldehyde	6.516	77	312451	39.283	ng		82
10) Phenol	6.598	94	566683	41.780	ng		95
11) bis(2-Chloroethyl)ether	6.698	93	457383	41.556	ng		95
12) 1,3-Dichlorobenzene	6.904	146	369118	39.495	ng	#	91
13) 1,4-Dichlorobenzene	6.981	146	377481	39.997	ng		95
14) 1,2-Dichlorobenzene	7.133	146	365053	41.029	ng		96
15) Benzyl Alcohol	7.104	79	458627	40.339	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.233	45	504291	40.159	ng		83
17) 2-Methylphenol	7.204	107	346962	41.920	ng	#	90
18) Hexachloroethane	7.480	117	153876	40.380	ng	#	89
19) n-Nitroso-di-n-propyla...	7.375	70	370242	39.779	ng	#	85
20) 3+4-Methylphenols	7.357	107	434696	40.505	ng	#	82
22) Acetophenone	7.375	105	601798	40.300	ng	#	89
24) Nitrobenzene	7.545	77	569146	44.534	ng	#	83
25) Isophorone	7.786	82	964187	40.160	ng	#	93
26) 2-Nitrophenol	7.863	139	169853	50.949	ng	#	69
27) 2,4-Dimethylphenol	7.892	122	339763	42.946	ng	#	83
28) bis(2-Chloroethoxy)met...	7.992	93	573502	38.301	ng	#	98
29) 2,4-Dichlorophenol	8.098	162	301789	40.213	ng		96
30) 1,2,4-Trichlorobenzene	8.186	180	312984	38.890	ng		99
31) Naphthalene	8.269	128	1034994	39.539	ng		99
32) Benzoic acid	8.010	122	233489	52.026	ng	#	69
33) 4-Chloroaniline	8.310	127	111350	10.647	ng	#	88
34) Hexachlorobutadiene	8.380	225	198011	38.679	ng		96
35) Caprolactam	8.686	113	114965m	42.897	ng		
36) 4-Chloro-3-methylphenol	8.792	107	398175	40.572	ng		87
37) 2-Methylnaphthalene	8.963	142	664890	40.842	ng		98
38) 1-Methylnaphthalene	9.063	142	612325	38.806	ng		97
40) 1,2,4,5-Tetrachloroben...	9.127	216	303395	39.889	ng		97
41) Hexachlorocyclopentadiene	9.116	237	403331	87.095	ng		96
43) 2,4,6-Trichlorophenol	9.233	196	215145	39.679	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.274	196	226653	40.361	ng		92
46) 1,1'-Biphenyl	9.427	154	820398	40.157	ng		97
47) 2-Chloronaphthalene	9.457	162	624305	38.895	ng		99
48) 2-Nitroaniline	9.545	65	281913	50.869	ng	#	86
49) Acenaphthylene	9.874	152	989736	39.309	ng		98
50) Dimethylphthalate	9.727	163	762710	39.655	ng		99
51) 2,6-Dinitrotoluene	9.792	165	161800	48.684	ng	#	81
52) Acenaphthene	10.045	154	678566	44.083	ng		96
53) 3-Nitroaniline	9.957	138	81226	21.376	ng	#	72
54) 2,4-Dinitrophenol	10.063	184	143350	86.328	ng	#	78
55) Dibenzofuran	10.216	168	881372	38.102	ng		93
56) 4-Nitrophenol	10.116	139	283343	93.642	ng	#	67
57) 2,4-Dinitrotoluene	10.198	165	223282	55.441	ng	#	96
58) Fluorene	10.563	166	683857	39.156	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	187604	40.862	ng		89
60) Diethylphthalate	10.427	149	754094	39.442	ng		98
61) 4-Chlorophenyl-phenyle...	10.551	204	341934	39.201	ng		92
62) 4-Nitroaniline	10.580	138	166604	45.177	ng	#	59
63) Azobenzene	10.710	77	1091284	38.569	ng		91
65) 4,6-Dinitro-2-methylph...	10.598	198	93759	42.831	ng		83
66) n-Nitrosodiphenylamine	10.669	169	607456	38.415	ng		98
67) 4-Bromophenyl-phenylether	11.045	248	211115	39.103	ng		98
68) Hexachlorobenzene	11.104	284	233304	40.503	ng	#	95
69) Atrazine	11.198	200	206379	40.866	ng		93
70) Pentachlorophenol	11.298	266	274297	81.890	ng		98
71) Phenanthrene	11.527	178	1054255	39.392	ng		100
72) Anthracene	11.580	178	1081856	40.289	ng		99
73) Carbazole	11.733	167	951481	37.742	ng		99
74) Di-n-butylphthalate	12.057	149	1209787	39.795	ng	#	97
75) Fluoranthene	12.721	202	1093911	41.382	ng		95
77) Benzidine	12.839	184	273549	22.879	ng		99
78) Pyrene	12.951	202	1101367	39.295	ng		98
80) Butylbenzylphthalate	13.568	149	496034	40.735	ng	#	94
81) Benzo(a)anthracene	14.145	228	928708	39.423	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	177291	22.909	ng	#	97
83) Chrysene	14.180	228	894874	39.478	ng		98
84) Bis(2-ethylhexyl)phtha...	14.127	149	685380	41.560	ng	#	99
85) Di-n-octyl phthalate	14.756	149	1064618	42.165	ng		96
87) Indeno(1,2,3-cd)pyrene	17.250	276	710250	42.897	ng	#	88
88) Benzo(b)fluoranthene	15.233	252	763978	42.991	ng	#	93
89) Benzo(k)fluoranthene	15.262	252	754080	43.218	ng	#	95
90) Benzo(a)pyrene	15.621	252	712045	49.246	ng	#	94
91) Dibenzo(a,h)anthracene	17.274	278	598285	43.618	ng	#	93
92) Benzo(g,h,i)perylene	17.733	276	585798	43.555	ng	#	87

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

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