Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126608.D
Acq On : 20 Jan 2022 13:47
Operator : CG/JU
Sample : PB142146BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 20 15:31:39 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 :
PB142146BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
01/21/2022
Supervised By :mohammad ahmed
01/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	139705	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	553046	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	304472	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	505710	20.000	ng		0.00
76) Chrysene-d12	14.151	240	368618	20.000	ng	#	0.00
86) Perylene-d12	15.680	264	291394	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	1201484	113.169	ng		0.02
7) Phenol-d6	6.586	99	1643265	111.403	ng		0.00
23) Nitrobenzene-d5	7.533	82	1213346	85.873	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	345891	121.391	ng		0.00
45) 2-Fluorobiphenyl	9.327	172	1503233	75.613	ng		0.00
79) Terphenyl-d14	13.092	244	1661263	75.590	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.922	88	170146	32.517	ng		90
3) Pyridine	3.669	79	417377	28.475	ng	#	82
4) n-Nitrosodimethylamine	3.634	42	219106	42.248	ng		88
6) Aniline	6.634	93	636091	34.413	ng		99
8) 2-Chlorophenol	6.751	128	426727	43.822	ng		93
9) Benzaldehyde	6.522	77	373294	40.783	ng		85
10) Phenol	6.598	94	660185	42.080	ng		89
11) bis(2-Chloroethyl)ether	6.698	93	546368	42.916	ng		98
12) 1,3-Dichlorobenzene	6.904	146	443959	41.068	ng	#	90
13) 1,4-Dichlorobenzene	6.981	146	451805	41.387	ng		94
14) 1,2-Dichlorobenzene	7.133	146	434191	42.189	ng		97
15) Benzyl Alcohol	7.104	79	528635m	40.198	ng		
16) 2,2'-oxybis(1-Chloropr...	7.239	45	621029	42.756	ng		82
17) 2-Methylphenol	7.210	107	418363	43.699	ng	#	90
18) Hexachloroethane	7.481	117	190320	43.178	ng		91
19) n-Nitroso-di-n-propyla...	7.381	70	443213	41.169	ng	#	85
20) 3+4-Methylphenols	7.363	107	516375	41.598	ng		89
22) Acetophenone	7.375	105	706775	41.469	ng	#	92
24) Nitrobenzene	7.551	77	664835	45.579	ng	#	85
25) Isophorone	7.786	82	1159782	42.325	ng	#	93
26) 2-Nitrophenol	7.863	139	200816	52.777	ng	#	65
27) 2,4-Dimethylphenol	7.892	122	417760	46.265	ng		85
28) bis(2-Chloroethoxy)met...	7.992	93	687603	40.234	ng		96
29) 2,4-Dichlorophenol	8.098	162	360566	42.095	ng		94
30) 1,2,4-Trichlorobenzene	8.186	180	377751	41.125	ng		99
31) Naphthalene	8.275	128	1232690	41.260	ng		100
32) Benzoic acid	8.016	122	276065	53.895	ng	#	67
33) 4-Chloroaniline	8.316	127	203869	17.079	ng	#	90
34) Hexachlorobutadiene	8.386	225	238556	40.828	ng		98
35) Caprolactam	8.692	113	132170m	43.210	ng		
36) 4-Chloro-3-methylphenol	8.792	107	468823	41.855	ng	#	84
37) 2-Methylnaphthalene	8.963	142	792057	42.628	ng		98
38) 1-Methylnaphthalene	9.063	142	728762	40.466	ng		98
40) 1,2,4,5-Tetrachloroben...	9.127	216	355003	41.570	ng		97
41) Hexachlorocyclopentadiene	9.116	237	509473	97.985	ng		94
43) 2,4,6-Trichlorophenol	9.239	196	252957	41.551	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	256804	40.729	ng		91
46) 1,1'-Biphenyl	9.427	154	962707	41.969	ng		96
47) 2-Chloronaphthalene	9.457	162	730972	40.561	ng		98
48) 2-Nitroaniline	9.551	65	325585	52.325	ng		90
49) Acenaphthylene	9.874	152	1175875	41.595	ng		99
50) Dimethylphthalate	9.733	163	889028	41.168	ng	#	99
51) 2,6-Dinitrotoluene	9.792	165	191842	51.411	ng	#	80
52) Acenaphthene	10.045	154	780076	45.136	ng		97
53) 3-Nitroaniline	9.963	138	118261	27.719	ng	#	89
54) 2,4-Dinitrophenol	10.069	184	149419	82.010	ng		88
55) Dibenzofuran	10.222	168	1037037	39.929	ng		96
56) 4-Nitrophenol	10.116	139	305228	89.843	ng	#	54
57) 2,4-Dinitrotoluene	10.198	165	250369	55.369	ng	#	88
58) Fluorene	10.563	166	788431	40.207	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	217503	42.194	ng		88
60) Diethylphthalate	10.433	149	868240	40.447	ng		97
61) 4-Chlorophenyl-phenyle...	10.551	204	387568	39.574	ng		94
62) 4-Nitroaniline	10.580	138	191126	46.159	ng	#	63
63) Azobenzene	10.716	77	1252729	39.434	ng		92
65) 4,6-Dinitro-2-methylph...	10.604	198	103372	43.586	ng		97
66) n-Nitrosodiphenylamine	10.674	169	695246	40.728	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	238399	40.903	ng		98
68) Hexachlorobenzene	11.104	284	265731	42.733	ng	#	94
69) Atrazine	11.198	200	234433	43.001	ng		94
70) Pentachlorophenol	11.298	266	304084	84.094	ng		98
71) Phenanthrene	11.527	178	1181556	40.896	ng		99
72) Anthracene	11.580	178	1238409	42.721	ng		100
73) Carbazole	11.733	167	1068628	39.265	ng		99
74) Di-n-butylphthalate	12.057	149	1300110	39.615	ng	#	97
75) Fluoranthene	12.721	202	1199022	42.016	ng		96
77) Benzidine	12.839	184	391096	30.755	ng		97
78) Pyrene	12.951	202	1211626	40.646	ng		98
80) Butylbenzylphthalate	13.562	149	530686	40.977	ng	#	84
81) Benzo(a)anthracene	14.145	228	1036679	41.376	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	210408	25.564	ng	#	96
83) Chrysene	14.180	228	1012089	41.981	ng		98
84) Bis(2-ethylhexyl)phtha...	14.121	149	712027	40.596	ng		98
85) Di-n-octyl phthalate	14.757	149	1144718	42.629	ng		97
87) Indeno(1,2,3-cd)pyrene	17.250	276	778785	43.256	ng	#	88
88) Benzo(b)fluoranthene	15.233	252	890723	46.095	ng	#	93
89) Benzo(k)fluoranthene	15.262	252	834157	43.965	ng	#	95
90) Benzo(a)pyrene	15.621	252	799487	50.850	ng	#	93
91) Dibenzo(a,h)anthracene	17.274	278	653581	43.820	ng	#	92
92) Benzo(g,h,i)perylene	17.727	276	643843	44.023	ng	#	88

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

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