Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
Data File : BF132310.D
Acq On : 03 Feb 2023 01:00
Operator : CG\JU
Sample : 01386-03MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 02:21:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	176396	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	671460	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	310963	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	449471	20.000	ng	# 0.00
76) Chrysene-d12	14.289	240	257724	20.000	ng	0.00
86) Perylene-d12	15.877	264	286822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	988974	90.120	ng	0.01
7) Phenol-d6	6.684	99	1208160	89.299	ng	0.00
23) Nitrobenzene-d5	7.631	82	735965	60.993	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	274537	85.851	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1322555	65.678	ng	0.00
79) Terphenyl-d14	13.207	244	944308	70.877	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.072	88	220830	42.766	ng	96
3) Pyridine	3.807	79	544218	38.849	ng	97
4) n-Nitrosodimethylamine	3.772	42	183256	40.883	ng	98
6) Aniline	6.725	93	354963m	19.334	ng	
8) 2-Chlorophenol	6.848	128	570573	50.200	ng	96
9) Benzaldehyde	6.619	77	338731	48.013	ng	98
10) Phenol	6.696	94	632208	45.146	ng	98
11) bis(2-Chloroethyl)ether	6.796	93	539128	46.780	ng	97
12) 1,3-Dichlorobenzene	7.007	146	608209	50.595	ng	99
13) 1,4-Dichlorobenzene	7.084	146	604816	50.404	ng	99
14) 1,2-Dichlorobenzene	7.237	146	583211	52.116	ng	98
15) Benzyl Alcohol	7.201	79	434207	43.984	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	532343	43.842	ng	94
17) 2-Methylphenol	7.307	107	439064	44.131	ng	99
18) Hexachloroethane	7.584	117	227921	50.632	ng	97
19) n-Nitroso-di-n-propyla...	7.472	70	311078	40.479	ng	97
20) 3+4-Methylphenols	7.460	107	552730	43.527	ng	94
22) Acetophenone	7.472	105	697016	44.141	ng	99
24) Nitrobenzene	7.648	77	522837	42.413	ng	97
25) Isophorone	7.884	82	1000088	43.668	ng	98
26) 2-Nitrophenol	7.966	139	301599	50.229	ng	92
27) 2,4-Dimethylphenol	7.995	122	495883	47.182	ng	98
28) bis(2-Chloroethoxy)met...	8.090	93	649618	46.158	ng	100
29) 2,4-Dichlorophenol	8.207	162	444507	47.638	ng	97
30) 1,2,4-Trichlorobenzene	8.290	180	491591	49.198	ng	98
31) Naphthalene	8.378	128	1532945	46.381	ng	99
32) Benzoic acid	8.078	122	271332m	34.878	ng	
33) 4-Chloroaniline	8.413	127	139502	9.518	ng	98
34) Hexachlorobutadiene	8.490	225	284213	50.596	ng	99
35) Caprolactam	8.795	113	140356	44.122	ng	89
36) 4-Chloro-3-methylphenol	8.895	107	455441	45.306	ng	96
37) 2-Methylnaphthalene	9.072	142	988880	44.171	ng	100
38) 1-Methylnaphthalene	9.172	142	909927	43.736	ng	100
40) 1,2,4,5-Tetrachloroben...	9.237	216	447796	51.172	ng	99
41) Hexachlorocyclopentadiene	9.219	237	342276	67.040	ng	100
43) 2,4,6-Trichlorophenol	9.342	196	307938	49.228	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	320229	44.477	ng		98
46) 1,1'-Biphenyl	9.537	154	1178484	49.158	ng		98
47) 2-Chloronaphthalene	9.560	162	898780	49.223	ng		99
48) 2-Nitroaniline	9.654	65	220678	40.637	ng	#	81
49) Acenaphthylene	9.984	152	1378520	46.258	ng		100
50) Dimethylphthalate	9.831	163	1046817	48.125	ng		98
51) 2,6-Dinitrotoluene	9.895	165	231772	47.709	ng	#	87
52) Acenaphthene	10.154	154	887743	47.582	ng		99
53) 3-Nitroaniline	10.066	138	136617	23.189	ng		92
54) 2,4-Dinitrophenol	10.166	184	89848	34.507	ng	#	76
55) Dibenzofuran	10.325	168	1205462	45.986	ng		99
56) 4-Nitrophenol	10.213	139	324498	73.196	ng		95
57) 2,4-Dinitrotoluene	10.301	165	282551	44.774	ng		89
58) Fluorene	10.672	166	901348	44.678	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	224146	42.704	ng		98
60) Diethylphthalate	10.531	149	1015613	46.934	ng		99
61) 4-Chlorophenyl-phenyle...	10.660	204	438914	45.843	ng		99
62) 4-Nitroaniline	10.684	138	166978	29.556	ng		98
63) Azobenzene	10.819	77	911472	43.243	ng		96
65) 4,6-Dinitro-2-methylph...	10.707	198	74592	29.240	ng		99
66) n-Nitrosodiphenylamine	10.778	169	772431	54.882	ng		100
67) 4-Bromophenyl-phenylether	11.154	248	266755	57.958	ng		98
68) Hexachlorobenzene	11.225	284	272334	55.359	ng	#	90
69) Atrazine	11.301	200	243382	60.119	ng		98
70) Pentachlorophenol	11.413	266	251703	74.467	ng		98
71) Phenanthrene	11.648	178	1849915	78.762	ng		100
72) Anthracene	11.695	178	1349773	56.469	ng		100
73) Carbazole	11.848	167	963830	44.971	ng		100
74) Di-n-butylphthalate	12.166	149	1328493	52.431	ng		100
75) Fluoranthene	12.848	202	2397068	100.010	ng		97
77) Benzidine	12.960	184	372991	41.396	ng		98
78) Pyrene	13.083	202	2675806	129.086	ng		97
80) Butylbenzylphthalate	13.683	149	469271	51.240	ng		99
81) Benzo(a)anthracene	14.277	228	1913494	106.154	ng		97
82) 3,3'-Dichlorobenzidine	14.230	252	204001	35.533	ng		99
83) Chrysene	14.313	228	1598077	94.680	ng		98
84) Bis(2-ethylhexyl)phtha...	14.242	149	673755	54.427	ng	#	98
85) Di-n-octyl phthalate	14.877	149	1201084	59.486	ng		97
87) Indeno(1,2,3-cd)pyrene	17.542	276	1538553	80.729	ng		94
88) Benzo(b)fluoranthene	15.407	252	2440799m	133.877	ng		
89) Benzo(k)fluoranthene	15.436	252	1109578	63.759	ng		99
90) Benzo(a)pyrene	15.818	252	1910932	112.558	ng		98
91) Dibenzo(a,h)anthracene	17.554	278	814296	53.143	ng		99
92) Benzo(g,h,i)perylene	18.048	276	1348344	85.178	ng		98

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

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