Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137271.D
Acq On : 05 Feb 2024 11:35
Operator : CG\JU
Sample : PB158784BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 12:03:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	56460	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	219315	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	127245	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	254625	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	143813	20.000	ng	0.00
86) Perylene-d12	15.451	264	141185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	523132	152.889	ng	0.02
7) Phenol-d6	6.440	99	674288	138.088	ng	0.01
23) Nitrobenzene-d5	7.357	82	463080	94.535	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	213441	148.528	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	823218	88.935	ng	0.00
79) Terphenyl-d14	12.921	244	1051591	99.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	66770	36.470	ng	97
3) Pyridine	3.399	79	161481	43.845	ng	98
4) n-Nitrosodimethylamine	3.363	42	92518	49.386	ng	96
6) Aniline	6.463	93	173168	33.128	ng	95
8) 2-Chlorophenol	6.581	128	199737	52.208	ng	94
9) Benzaldehyde	6.345	77	61973	33.326	ng	98
10) Phenol	6.451	94	263070	48.265	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	187229	51.401	ng	99
12) 1,3-Dichlorobenzene	6.734	146	217999	48.599	ng	100
13) 1,4-Dichlorobenzene	6.810	146	220548	47.542	ng	99
14) 1,2-Dichlorobenzene	6.963	146	213995	49.336	ng	100
15) Benzyl Alcohol	6.939	79	187009	53.907	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	294334	44.857	ng	99
17) 2-Methylphenol	7.051	107	167008	52.252	ng	99
18) Hexachloroethane	7.304	117	82772	49.471	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	159942	47.772	ng	99
20) 3+4-Methylphenols	7.204	107	202274	49.991	ng	91
22) Acetophenone	7.204	105	296541	50.225	ng	99
24) Nitrobenzene	7.375	77	237614	49.977	ng	99
25) Isophorone	7.616	82	428577	47.400	ng	100
26) 2-Nitrophenol	7.692	139	96866	52.389	ng	95
27) 2,4-Dimethylphenol	7.734	122	135833	52.559	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	238803	49.735	ng	98
29) 2,4-Dichlorophenol	7.934	162	163869	51.112	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	197627	49.625	ng	99
31) Naphthalene	8.098	128	583271	49.194	ng	100
32) Benzoic acid	7.863	122	112284	58.970	ng	92
33) 4-Chloroaniline	8.169	127	24770m	6.074	ng	
34) Hexachlorobutadiene	8.210	225	130725	49.368	ng	97
35) Caprolactam	8.522	113	52666m	52.830	ng	
36) 4-Chloro-3-methylphenol	8.633	107	188243	49.711	ng	97
37) 2-Methylnaphthalene	8.786	142	387733	48.779	ng	98
38) 1-Methylnaphthalene	8.886	142	360583	48.840	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	207727	48.788	ng	98
41) Hexachlorocyclopentadiene	8.939	237	272363	134.308	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	128822	53.343	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	133151	50.441	ng		94
46) 1,1'-Biphenyl	9.251	154	496551	49.047	ng		99
47) 2-Chloronaphthalene	9.275	162	364334	48.627	ng		98
48) 2-Nitroaniline	9.375	65	130279	53.724	ng		99
49) Acenaphthylene	9.692	152	585941	48.851	ng		99
50) Dimethylphthalate	9.557	163	436590	50.788	ng		100
51) 2,6-Dinitrotoluene	9.622	165	98912	53.959	ng		85
52) Acenaphthene	9.863	154	347124	49.241	ng		99
53) 3-Nitroaniline	9.786	138	46518	28.199	ng		99
54) 2,4-Dinitrophenol	9.898	184	109363	126.218	ng	#	77
55) Dibenzofuran	10.039	168	544756	48.572	ng		99
56) 4-Nitrophenol	9.957	139	145739	Below Cal			99
57) 2,4-Dinitrotoluene	10.028	165	133739	56.229	ng		89
58) Fluorene	10.380	166	431593	49.087	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128599m	52.358	ng		
60) Diethylphthalate	10.263	149	435173	51.413	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	212604	48.647	ng		98
62) 4-Nitroaniline	10.410	138	88939m	56.327	ng		
63) Azobenzene	10.539	77	448252	47.818	ng		94
65) 4,6-Dinitro-2-methylph...	10.433	198	79965	58.004	ng		82
66) n-Nitrosodiphenylamine	10.498	169	378868	48.936	ng		97
67) 4-Bromophenyl-phenylether	10.869	248	140244	50.091	ng		97
68) Hexachlorobenzene	10.927	284	153908	49.214	ng		95
69) Atrazine	11.033	200	133825	52.361	ng		97
70) Pentachlorophenol	11.127	266	201012	112.127	ng		96
71) Phenanthrene	11.345	178	664270	49.833	ng		99
72) Anthracene	11.398	178	692964	49.876	ng		99
73) Carbazole	11.557	167	590812	50.882	ng		99
74) Di-n-butylphthalate	11.892	149	697173	55.545	ng		100
75) Fluoranthene	12.539	202	718343	51.499	ng		99
77) Benzidine	12.669	184	153662	59.670	ng		99
78) Pyrene	12.769	202	728568	52.716	ng		99
80) Butylbenzylphthalate	13.398	149	239283	67.681	ng		93
81) Benzo(a)anthracene	13.963	228	507142	49.793	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	91784	33.077	ng		98
83) Chrysene	14.004	228	506375	50.571	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	293149	71.271	ng	#	98
85) Di-n-octyl phthalate	14.580	149	431984	66.052	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	528524	53.284	ng		98
88) Benzo(b)fluoranthene	15.021	252	423270	48.749	ng		99
89) Benzo(k)fluoranthene	15.051	252	432047	47.036	ng		99
90) Benzo(a)pyrene	15.392	252	400249	48.984	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	431893	54.341	ng		98
92) Benzo(g,h,i)perylene	17.415	276	418007	53.586	ng		99

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

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