Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139166.D
Acq On : 26 Aug 2024 16:34
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 27 02:38:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:30:30 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	106417	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	397096	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	225254	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	391044	20.000	ng	0.00
76) Chrysene-d12	14.045	240	227519	20.000	ng	0.00
86) Perylene-d12	15.515	264	165757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	122962	19.416	ng	0.00
7) Phenol-d6	6.510	99	173122	19.919	ng	-0.01
23) Nitrobenzene-d5	7.451	82	95707	13.352	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	28798	14.927	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	303333	20.918	ng	0.00
79) Terphenyl-d14	12.992	244	300610	20.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	30271	10.107	ng	99
3) Pyridine	3.434	79	76523	10.281	ng	98
4) n-Nitrosodimethylamine	3.375	42	41770	9.639	ng	# 95
6) Aniline	6.551	93	81258	9.973	ng	100
8) 2-Chlorophenol	6.675	128	56023	9.311	ng	98
9) Benzaldehyde	6.439	77	64373	11.833	ng	98
10) Phenol	6.522	94	88469m	9.945	ng	
11) bis(2-Chloroethyl)ether	6.622	93	69965	10.123	ng	98
12) 1,3-Dichlorobenzene	6.834	146	81223	10.237	ng	99
13) 1,4-Dichlorobenzene	6.910	146	82297	10.338	ng	98
14) 1,2-Dichlorobenzene	7.063	146	79129	10.565	ng	96
15) Benzyl Alcohol	7.028	79	62509	9.542	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	104172	10.398	ng	99
17) 2-Methylphenol	7.134	107	53838	9.815	ng	98
18) Hexachloroethane	7.404	117	23334	9.265	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	53610	10.313	ng	97
20) 3+4-Methylphenols	7.286	107	71214	10.178	ng	92
22) Acetophenone	7.298	105	106004	10.389	ng	95
24) Nitrobenzene	7.469	77	55433	9.443	ng	98
25) Isophorone	7.704	82	140809	9.934	ng	100
26) 2-Nitrophenol	7.786	139	11105	9.681	ng	96
27) 2,4-Dimethylphenol	7.822	122	39607	9.427	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	83065	10.122	ng	98
29) 2,4-Dichlorophenol	8.022	162	45828	8.837	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	67904	10.154	ng	99
31) Naphthalene	8.192	128	207442	10.217	ng	99
32) Benzoic acid	7.881	122	15665	13.013	ng	92
33) 4-Chloroaniline	8.239	127	69811	9.977	ng	98
34) Hexachlorobutadiene	8.310	225	44151	10.160	ng	98
35) Caprolactam	8.575	113	11851	7.450	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	57378	9.648	ng	98
37) 2-Methylnaphthalene	8.886	142	131746	10.350	ng	99
38) 1-Methylnaphthalene	8.980	142	127461	10.245	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	68483	10.250	ng	100
41) Hexachlorocyclopentadiene	9.033	237	15830	7.379	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	31004	8.299	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	32548	8.312	ng		98
46) 1,1'-Biphenyl	9.345	154	167726	10.287	ng		99
47) 2-Chloronaphthalene	9.369	162	132135	10.158	ng		100
48) 2-Nitroaniline	9.463	65	17235	9.738	ng		97
49) Acenaphthylene	9.786	152	184903	10.088	ng		99
50) Dimethylphthalate	9.639	163	128300	9.860	ng		100
51) 2,6-Dinitrotoluene	9.704	165	13524	9.591	ng		95
52) Acenaphthene	9.957	154	121096	10.058	ng		99
53) 3-Nitroaniline	9.869	138	15796	9.485	ng	#	92
54) 2,4-Dinitrophenol	9.975	184	4158	10.659	ng	#	8
55) Dibenzofuran	10.127	168	181802	10.346	ng		98
56) 4-Nitrophenol	10.016	139	12035	9.897	ng		96
57) 2,4-Dinitrotoluene	10.104	165	14892	9.624	ng		92
58) Fluorene	10.469	166	143410	10.345	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	26255	8.366	ng		99
60) Diethylphthalate	10.345	149	118573	9.677	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	71067	10.446	ng		97
62) 4-Nitroaniline	10.475	138	18121	8.843	ng		98
63) Azobenzene	10.622	77	149737	10.052	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	5831	11.146	ng		84
66) n-Nitrosodiphenylamine	10.580	169	116826	10.088	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	41179	9.911	ng		96
68) Hexachlorobenzene	11.016	284	45124	10.035	ng		99
69) Atrazine	11.104	200	28772	11.390	ng		99
70) Pentachlorophenol	11.210	266	18861	7.144	ng		97
71) Phenanthrene	11.433	178	205831	10.416	ng		99
72) Anthracene	11.486	178	198663	10.313	ng		99
73) Carbazole	11.639	167	178918	10.383	ng		100
74) Di-n-butylphthalate	11.974	149	135429	9.068	ng		99
75) Fluoranthene	12.621	202	209217	10.910	ng		99
77) Benzidine	12.745	184	31861	8.299	ng		98
78) Pyrene	12.851	202	213996	10.013	ng		100
80) Butylbenzylphthalate	13.468	149	23527	9.335	ng		95
81) Benzo(a)anthracene	14.033	228	147201	9.765	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	30919	8.809	ng		98
83) Chrysene	14.068	228	143380	10.544	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	24290	8.961	ng		100
85) Di-n-octyl phthalate	14.645	149	42381	12.375	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.986	276	111021	9.796	ng		99
88) Benzo(b)fluoranthene	15.086	252	95581	9.857	ng		98
89) Benzo(k)fluoranthene	15.115	252	92084	10.504	ng		97
90) Benzo(a)pyrene	15.451	252	79965	9.716	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	91628	9.864	ng		98
92) Benzo(g,h,i)perylene	17.433	276	96324	10.025	ng		99

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

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