Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139782.D
Acq On : 11 Oct 2024 18:39
Operator : RC/JU
Sample : P4377-01MS 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 12 02:01:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	61500	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	198080	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	98766	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	198414	20.000	ng		0.00
76) Chrysene-d12	14.039	240	130018	20.000	ng		0.00
86) Perylene-d12	15.510	264	101736	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	93042	26.222	ng		0.00
7) Phenol-d6	6.498	99	110819	23.224	ng		0.00
23) Nitrobenzene-d5	7.428	82	65830	16.826	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	23228	24.363	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	117692	18.294	ng		0.00
79) Terphenyl-d14	12.974	244	152626	19.261	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	17313	11.286	ng		96
3) Pyridine	3.399	79	37155	9.959	ng		96
4) n-Nitrosodimethylamine	3.322	42	25473	10.431	ng	#	99
6) Aniline	6.528	93	26271	6.204	ng	#	81
8) 2-Chlorophenol	6.657	128	39428	10.372	ng		96
9) Benzaldehyde	6.422	77	11554	4.571	ng		99
10) Phenol	6.516	94	50722	10.109	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	42338	10.364	ng		99
12) 1,3-Dichlorobenzene	6.810	146	43399	10.148	ng		99
13) 1,4-Dichlorobenzene	6.887	146	44135	10.190	ng		98
14) 1,2-Dichlorobenzene	7.040	146	41020	10.105	ng		97
15) Benzyl Alcohol	7.010	79	32993	9.049	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	74162	10.486	ng		96
17) 2-Methylphenol	7.122	107	30099	9.484	ng		98
18) Hexachloroethane	7.375	117	11340	7.019	ng		96
19) n-Nitroso-di-n-propyla...	7.269	70	29328	9.560	ng		99
20) 3+4-Methylphenols	7.281	107	39881	10.005	ng	#	87
22) Acetophenone	7.275	105	55383	11.779	ng		92
24) Nitrobenzene	7.445	77	39557	9.764	ng		97
25) Isophorone	7.687	82	76384	10.993	ng		98
26) 2-Nitrophenol	7.769	139	11786	6.767	ng		98
27) 2,4-Dimethylphenol	7.804	122	25767	12.086	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	45993	11.084	ng		98
29) 2,4-Dichlorophenol	8.016	162	26109	9.389	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	31357	9.971	ng		98
31) Naphthalene	8.169	128	112598	11.118	ng		99
32) Benzoic acid	7.892	122	13274m	6.261	ng		
33) 4-Chloroaniline	8.222	127	24210	7.062	ng		99
34) Hexachlorobutadiene	8.286	225	21569	10.598	ng		98
35) Caprolactam	8.563	113	8688	9.525	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	29269	9.298	ng		97
37) 2-Methylnaphthalene	8.863	142	68711	10.417	ng		98
38) 1-Methylnaphthalene	8.963	142	64586	10.017	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	31019	11.310	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	19480	10.536	ng		99
44) 2,4,5-Trichlorophenol	9.192	196	19376	9.718	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.322	154	82773	11.268	ng		99
47)	2-Chloronaphthalene	9.351	162	59593	10.821	ng		96
48)	2-Nitroaniline	9.445	65	24043	12.162	ng		99
49)	Acenaphthylene	9.763	152	101072	12.068	ng		99
50)	Dimethylphthalate	9.616	163	74343	11.499	ng		100
51)	2,6-Dinitrotoluene	9.686	165	11007	7.537	ng		97
52)	Acenaphthene	9.939	154	75930	13.207	ng		99
53)	3-Nitroaniline	9.857	138	16643	11.151	ng		95
55)	Dibenzofuran	10.110	168	98615	12.250	ng		100
56)	4-Nitrophenol	10.039	139	20150	17.704	ng		94
57)	2,4-Dinitrotoluene	10.092	165	14180	7.428	ng	#	96
58)	Fluorene	10.451	166	88959	13.875	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.233	232	17537	10.890	ng		97
60)	Diethylphthalate	10.316	149	77861	11.659	ng		99
61)	4-Chlorophenyl-phenyle...	10.445	204	35736	11.141	ng		95
62)	4-Nitroaniline	10.469	138	21459	14.056	ng		97
63)	Azobenzene	10.604	77	75015	11.170	ng		93
66)	n-Nitrosodiphenylamine	10.557	169	62121	10.622	ng		99
67)	4-Bromophenyl-phenylether	10.933	248	20677	10.164	ng		98
68)	Hexachlorobenzene	10.998	284	22244	9.854	ng		98
69)	Atrazine	11.086	200	21126	13.463	ng		99
70)	Pentachlorophenol	11.198	266	20067	14.929	ng		95
71)	Phenanthrene	11.416	178	315744	33.750	ng		100
72)	Anthracene	11.469	178	173261	18.720	ng		98
73)	Carbazole	11.627	167	132202	14.872	ng		99
74)	Di-n-butylphthalate	11.951	149	128991	11.933	ng		99
75)	Fluoranthene	12.610	202	620316	60.656	ng		99
77)	Benzidine	12.733	184	31845	13.886	ng		96
78)	Pyrene	12.839	202	566148	48.685	ng		98
80)	Butylbenzylphthalate	13.451	149	58955	14.174	ng		95
81)	Benzo(a)anthracene	14.027	228	301821	35.308	ng		98
82)	3,3'-Dichlorobenzidine	13.986	252	23610	9.025	ng		97
83)	Chrysene	14.063	228	246304	31.516	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.010	149	84637	16.295	ng		100
85)	Di-n-octyl phthalate	14.621	149	120115	15.741	ng	#	97
87)	Indeno(1,2,3-cd)pyrene	16.992	276	119217	19.909	ng		95
88)	Benzo(b)fluoranthene	15.080	252	241033m	36.642	ng		
89)	Benzo(k)fluoranthene	15.104	252	113174m	20.282	ng		
90)	Benzo(a)pyrene	15.451	252	172139	33.188	ng		98
91)	Dibenzo(a,h)anthracene	17.004	278	64518	12.991	ng		97
92)	Benzo(g,h,i)perylene	17.445	276	99520	19.980	ng		98

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

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