Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139728.D
Acq On : 09 Oct 2024 17:59
Operator : RC/JU
Sample : P4321-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-6MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

Quant Time: Oct 10 01:10:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90373	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	332020	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	171080	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	266045	20.000	ng	0.00
76) Chrysene-d12	14.039	240	174817	20.000	ng	0.00
86) Perylene-d12	15.509	264	165297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	433677	83.174	ng	0.00
7) Phenol-d6	6.504	99	574128	81.880	ng	0.00
23) Nitrobenzene-d5	7.434	82	382599	58.343	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	116798	70.722	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	609939	54.733	ng	0.00
79) Terphenyl-d14	12.974	244	431226	40.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	103242	45.798	ng	99
3) Pyridine	3.440	79	262406	47.862	ng	99
4) n-Nitrosodimethylamine	3.404	42	173472	48.339	ng	97
6) Aniline	6.534	93	204016	32.789	ng	94
8) 2-Chlorophenol	6.657	128	279376	50.011	ng	98
9) Benzaldehyde	6.416	77	92775	24.978	ng	95
10) Phenol	6.522	94	365296	49.545	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	278845	46.450	ng	99
12) 1,3-Dichlorobenzene	6.810	146	293133	46.645	ng	98
13) 1,4-Dichlorobenzene	6.886	146	296407	46.569	ng	99
14) 1,2-Dichlorobenzene	7.039	146	282499	47.357	ng	99
15) Benzyl Alcohol	7.010	79	265369	49.532	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	502269	48.330	ng	83
17) 2-Methylphenol	7.128	107	224889	48.222	ng	98
18) Hexachloroethane	7.381	117	107558	45.306	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	211385	46.891	ng	99
20) 3+4-Methylphenols	7.281	107	284126	48.505	ng	98
22) Acetophenone	7.275	105	390798	49.587	ng	96
24) Nitrobenzene	7.451	77	319908	47.111	ng	99
25) Isophorone	7.692	82	569621	48.906	ng	100
26) 2-Nitrophenol	7.769	139	149971	51.373	ng	99
27) 2,4-Dimethylphenol	7.804	122	216321	60.531	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	338936	48.732	ng	99
29) 2,4-Dichlorophenol	8.010	162	232717	49.925	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	243687	46.227	ng	99
31) Naphthalene	8.175	128	815457	48.036	ng	99
32) Benzoic acid	7.934	122	142712	40.161	ng	97
33) 4-Chloroaniline	8.222	127	59684	10.387	ng	98
34) Hexachlorobutadiene	8.286	225	155301	45.524	ng	99
35) Caprolactam	8.598	113	76180m	49.827	ng	
36) 4-Chloro-3-methylphenol	8.716	107	249559	47.295	ng	98
37) 2-Methylnaphthalene	8.863	142	526757	47.644	ng	100
38) 1-Methylnaphthalene	8.963	142	486479	45.015	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	245137	51.601	ng	98
41) Hexachlorocyclopentadiene	9.010	237	43580	29.917	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	162957	50.883	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	167364	48.459	ng	99
46) 1,1'-Biphenyl	9.328	154	642604	50.502	ng	99
47) 2-Chloronaphthalene	9.351	162	473619	49.650	ng	99
48) 2-Nitroaniline	9.451	65	176997	51.689	ng	99
49) Acenaphthylene	9.769	152	753360	51.931	ng	100
50) Dimethylphthalate	9.627	163	580145	51.803	ng	100
51) 2,6-Dinitrotoluene	9.692	165	122429	48.394	ng	95
52) Acenaphthene	9.939	154	478910	48.088	ng	99
53) 3-Nitroaniline	9.863	138	88512	34.237	ng	97
54) 2,4-Dinitrophenol	9.969	184	40234	29.569	ng	99
55) Dibenzofuran	10.110	168	678036	48.626	ng	99
56) 4-Nitrophenol	10.033	139	172422	87.458	ng	95
57) 2,4-Dinitrotoluene	10.098	165	155378	46.988	ng	99
58) Fluorene	10.457	166	514559	46.331	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	129688	46.492	ng	97
60) Diethylphthalate	10.327	149	573232	49.556	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	259323	46.672	ng	98
62) 4-Nitroaniline	10.475	138	106514	40.279	ng	97
63) Azobenzene	10.604	77	633250	54.436	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	33401	22.229	ng	97
66) n-Nitrosodiphenylamine	10.563	169	448394	57.178	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	144216	52.869	ng	95
68) Hexachlorobenzene	11.004	284	149614	49.429	ng	98
69) Atrazine	11.092	200	135608	64.451	ng	98
70) Pentachlorophenol	11.198	266	156694	86.939	ng	99
71) Phenanthrene	11.422	178	727879	58.025	ng	100
72) Anthracene	11.469	178	667281	53.770	ng	100
73) Carbazole	11.627	167	583807	48.980	ng	100
74) Di-n-butylphthalate	11.951	149	781434	53.914	ng	100
75) Fluoranthene	12.610	202	799887	58.332	ng	99
77) Benzidine	12.727	184	167238	54.235	ng	100
78) Pyrene	12.839	202	814831	52.114	ng	99
80) Butylbenzylphthalate	13.451	149	272068	48.647	ng	98
81) Benzo(a)anthracene	14.027	228	680860	59.238	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	151813	43.159	ng	99
83) Chrysene	14.063	228	609946	58.046	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	384378	55.040	ng	99
85) Di-n-octyl phthalate	14.621	149	642989	62.672	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	397566	40.864	ng	100
88) Benzo(b)fluoranthene	15.080	252	676120	63.261	ng	99
89) Benzo(k)fluoranthene	15.110	252	469650	51.803	ng	99
90) Benzo(a)pyrene	15.451	252	508046	60.285	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	318041	39.413	ng	99
92) Benzo(g,h,i)perylene	17.439	276	288499	35.649	ng	100

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

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