Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139696.D
Acq On : 07 Oct 2024 19:53
Operator : RC/JU
Sample : P4270-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 08 01:13:41 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	6.863	152	91705	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	351047	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	193903	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	341611	20.000	ng		0.00
76) Chrysene-d12	14.033	240	174484	20.000	ng		0.00
86) Perylene-d12	15.504	264	194842	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	455585	86.107	ng		0.00
7) Phenol-d6	6.504	99	618485	86.925	ng		0.00
23) Nitrobenzene-d5	7.428	82	404949	58.404	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	149400	79.815	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	692540	54.830	ng		0.00
79) Terphenyl-d14	12.974	244	545486	51.297	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	101778	44.493	ng		99
3) Pyridine	3.457	79	249069	44.770	ng		99
4) n-Nitrosodimethylamine	3.422	42	169869	46.647	ng		95
6) Aniline	6.528	93	199447	31.589	ng	#	63
8) 2-Chlorophenol	6.651	128	281735	49.701	ng		98
9) Benzaldehyde	6.416	77	96430	25.584	ng		99
10) Phenol	6.516	94	368107	49.201	ng		100
11) bis(2-Chloroethyl)ether	6.604	93	273264	44.859	ng		99
12) 1,3-Dichlorobenzene	6.804	146	291656	45.736	ng		100
13) 1,4-Dichlorobenzene	6.887	146	293180	45.393	ng		99
14) 1,2-Dichlorobenzene	7.034	146	284896	47.066	ng		99
15) Benzyl Alcohol	7.010	79	263554	48.479	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	490834	46.544	ng		92
17) 2-Methylphenol	7.122	107	228990	48.388	ng		99
18) Hexachloroethane	7.375	117	108793	45.160	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	210977	46.121	ng		97
20) 3+4-Methylphenols	7.275	107	288644	48.560	ng		97
22) Acetophenone	7.275	105	383453	46.017	ng		97
24) Nitrobenzene	7.451	77	325699	45.364	ng		99
25) Isophorone	7.686	82	579018	47.018	ng		99
26) 2-Nitrophenol	7.763	139	151448	49.068	ng		98
27) 2,4-Dimethylphenol	7.804	122	220660	58.399	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	341436	46.431	ng		99
29) 2,4-Dichlorophenol	8.010	162	239196	48.533	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	245703	44.083	ng		99
31) Naphthalene	8.169	128	835373	46.542	ng		100
32) Benzoic acid	7.934	122	167329	44.536	ng		99
33) 4-Chloroaniline	8.222	127	33097	5.448	ng		99
34) Hexachlorobutadiene	8.281	225	157661	43.711	ng		99
35) Caprolactam	8.598	113	78925m	48.825	ng		
36) 4-Chloro-3-methylphenol	8.710	107	262668	47.081	ng		99
37) 2-Methylnaphthalene	8.863	142	546526	46.753	ng		100
38) 1-Methylnaphthalene	8.963	142	508798	44.528	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	252918	46.972	ng		99
41) Hexachlorocyclopentadiene	9.010	237	206521	125.088	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	177395	48.872	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	185583	47.410	ng	98
46) 1,1'-Biphenyl	9.328	154	675101	46.811	ng	100
47) 2-Chloronaphthalene	9.351	162	502858	46.511	ng	99
48) 2-Nitroaniline	9.451	65	189259	48.764	ng	97
49) Acenaphthylene	9.769	152	831203	50.553	ng	100
50) Dimethylphthalate	9.628	163	617018	48.611	ng	99
51) 2,6-Dinitrotoluene	9.692	165	133575	46.585	ng	96
52) Acenaphthene	9.939	154	587852m	52.080	ng	
53) 3-Nitroaniline	9.863	138	76502	26.109	ng	93
54) 2,4-Dinitrophenol	9.969	184	115144	74.661	ng	98
55) Dibenzofuran	10.110	168	769898	48.715	ng	100
56) 4-Nitrophenol	10.033	139	198400	88.790	ng	94
57) 2,4-Dinitrotoluene	10.098	165	180647	48.199	ng	97
58) Fluorene	10.457	166	613344	48.726	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	152610	48.270	ng	98
60) Diethylphthalate	10.327	149	616916	47.055	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	285251	45.296	ng	97
62) 4-Nitroaniline	10.475	138	122362	40.826	ng	99
63) Azobenzene	10.604	77	691016	52.410	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	80745	41.851	ng	97
66) n-Nitrosodiphenylamine	10.563	169	507151	50.365	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	166685	47.590	ng	97
68) Hexachlorobenzene	10.998	284	181290	46.645	ng	99
69) Atrazine	11.092	200	160257	59.318	ng	99
70) Pentachlorophenol	11.198	266	195380	84.424	ng	98
71) Phenanthrene	11.416	178	1083178	67.248	ng	99
72) Anthracene	11.469	178	861292	54.051	ng	99
73) Carbazole	11.627	167	718268	46.931	ng	99
74) Di-n-butylphthalate	11.951	149	881186	47.348	ng	99
75) Fluoranthene	12.604	202	1044373	59.314	ng	100
77) Benzidine	12.727	184	151447	49.208	ng	99
78) Pyrene	12.833	202	985447	63.147	ng	98
80) Butylbenzylphthalate	13.451	149	281681	50.462	ng	97
81) Benzo(a)anthracene	14.021	228	683533	59.584	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	126157	35.934	ng	98
83) Chrysene	14.063	228	632371	60.295	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	368609	52.883	ng	100
85) Di-n-octyl phthalate	14.621	149	605447	59.125	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	560725	48.895	ng	99
88) Benzo(b)fluoranthene	15.074	252	728876	57.856	ng	99
89) Benzo(k)fluoranthene	15.104	252	490394	45.889	ng	100
90) Benzo(a)pyrene	15.445	252	598216	60.221	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	441485	46.415	ng	100
92) Benzo(g,h,i)perylene	17.427	276	415844	43.593	ng	100

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

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