Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139418.D
Acq On : 18 Sep 2024 10:43
Operator : RC/JU
Sample : PB163403BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 18 11:17:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163403BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	73012	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	274745	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	154775	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	284115	20.000	ng		0.00
76) Chrysene-d12	14.033	240	145851	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	132795	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	582899	130.240	ng		0.02
7) Phenol-d6	6.516	99	781589	133.048	ng		0.01
23) Nitrobenzene-d5	7.445	82	528443	90.422	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	218846	132.814	ng		0.01
45) 2-Fluorobiphenyl	9.239	172	989273	89.645	ng		0.00
79) Terphenyl-d14	12.980	244	955702	107.554	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	61468	34.232	ng		99
3) Pyridine	3.522	79	161050	40.680	ng		98
4) n-Nitrosodimethylamine	3.481	42	138219	40.281	ng		92
6) Aniline	6.540	93	233927	52.766	ng	#	69
8) 2-Chlorophenol	6.663	128	208721	45.305	ng		99
9) Benzaldehyde	6.428	77	50374	14.842	ng		98
10) Phenol	6.528	94	279332	46.687	ng		90
11) bis(2-Chloroethyl)ether	6.616	93	195012	42.884	ng		99
12) 1,3-Dichlorobenzene	6.822	146	218343	41.673	ng		99
13) 1,4-Dichlorobenzene	6.898	146	227206	42.912	ng		98
14) 1,2-Dichlorobenzene	7.046	146	213268	42.628	ng		99
15) Benzyl Alcohol	7.022	79	215605	46.003	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	359196	51.253	ng		96
17) 2-Methylphenol	7.134	107	168704	46.090	ng		99
18) Hexachloroethane	7.393	117	85889	42.589	ng		99
19) n-Nitroso-di-n-propyla...	7.293	70	167090	47.999	ng		99
20) 3+4-Methylphenols	7.287	107	226755	45.407	ng		92
22) Acetophenone	7.293	105	310149	43.180	ng		97
24) Nitrobenzene	7.463	77	250853	41.705	ng		98
25) Isophorone	7.698	82	437716	47.358	ng		99
26) 2-Nitrophenol	7.781	139	111734	47.680	ng		94
27) 2,4-Dimethylphenol	7.816	122	174315	56.392	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	246770	46.846	ng		99
29) 2,4-Dichlorophenol	8.016	162	181712	46.273	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	191462	41.845	ng		99
31) Naphthalene	8.187	128	631242	44.010	ng		100
32) Benzoic acid	7.940	122	120486	41.651	ng		94
33) 4-Chloroaniline	8.228	127	160753	36.635	ng		99
34) Hexachlorobutadiene	8.298	225	130544	41.995	ng		100
35) Caprolactam	8.604	113	53793m	44.532	ng		
36) 4-Chloro-3-methylphenol	8.716	107	203757	45.401	ng		97
37) 2-Methylnaphthalene	8.875	142	418983	46.021	ng		99
38) 1-Methylnaphthalene	8.975	142	381999	42.738	ng		98
40) 1,2,4,5-Tetrachloroben...	9.040	216	199943	43.589	ng		98
41) Hexachlorocyclopentadiene	9.028	237	258744	161.553	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	139616	46.783	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138497	43.996	ng	97
46) 1,1'-Biphenyl	9.339	154	522768	43.903	ng	100
47) 2-Chloronaphthalene	9.363	162	385639	43.315	ng	99
48) 2-Nitroaniline	9.457	65	147670	44.594	ng	98
49) Acenaphthylene	9.781	152	633794	47.292	ng	100
50) Dimethylphthalate	9.639	163	460589	45.340	ng	100
51) 2,6-Dinitrotoluene	9.704	165	101543	45.122	ng	93
52) Acenaphthene	9.951	154	471069	50.363	ng	100
53) 3-Nitroaniline	9.869	138	77670	34.535	ng	97
54) 2,4-Dinitrophenol	9.975	184	121739	97.081	ng	94
55) Dibenzofuran	10.122	168	584065	44.801	ng	98
56) 4-Nitrophenol	10.034	139	162272	87.197	ng	87
57) 2,4-Dinitrotoluene	10.104	165	137211	45.161	ng	99
58) Fluorene	10.463	166	461581	43.394	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	119853	46.025	ng	98
60) Diethylphthalate	10.339	149	476449	45.449	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	227770	44.061	ng	97
62) 4-Nitroaniline	10.486	138	101033	41.161	ng	96
63) Azobenzene	10.616	77	470097	45.593	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	75526	50.367	ng	99
66) n-Nitrosodiphenylamine	10.575	169	395491	47.612	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	135075	47.976	ng	99
68) Hexachlorobenzene	11.010	284	149976	45.387	ng	99
69) Atrazine	11.104	200	127249	64.348	ng	99
70) Pentachlorophenol	11.204	266	178002	89.775	ng	98
71) Phenanthrene	11.428	178	635363	46.352	ng	99
72) Anthracene	11.481	178	650924	48.569	ng	99
73) Carbazole	11.633	167	563800	43.954	ng	100
74) Di-n-butylphthalate	11.957	149	710441	49.720	ng	99
75) Fluoranthene	12.610	202	643419	43.954	ng	99
77) Benzidine	12.733	184	156738	75.008	ng	99
78) Pyrene	12.839	202	638641	50.996	ng	100
80) Butylbenzylphthalate	13.457	149	227782	53.437	ng	97
81) Benzo(a)anthracene	14.027	228	462339	47.856	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	114141	40.343	ng	99
83) Chrysene	14.063	228	407248	45.818	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	289537	53.394	ng	100
85) Di-n-octyl phthalate	14.627	149	443714	55.561	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	396687	50.237	ng	99
88) Benzo(b)fluoranthene	15.074	252	415076	50.681	ng	99
89) Benzo(k)fluoranthene	15.104	252	324972	43.035	ng	99
90) Benzo(a)pyrene	15.445	252	348828	51.356	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	324951	49.801	ng	100
92) Benzo(g,h,i)perylene	17.427	276	299235	46.317	ng	98

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

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