Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
Data File : BF138489.D
Acq On : 09 Jul 2024 16:03
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 09 16:48:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:32:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	94751	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	365836	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	199246	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	338745	20.000	ng		0.00
76) Chrysene-d12	14.027	240	146028	20.000	ng		0.00
86) Perylene-d12	15.492	264	178825	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	862680	144.196	ng		0.00
7) Phenol-d6	6.516	99	1157210	145.401	ng		0.01
23) Nitrobenzene-d5	7.445	82	1110445	149.029	ng		0.01
42) 2,4,6-Tribromophenol	10.698	330	273565	146.908	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1791317	140.513	ng		0.00
79) Terphenyl-d14	12.974	244	1372117	153.076	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	202067	76.261	ng		99
3) Pyridine	3.393	79	504333	77.182	ng		99
4) n-Nitrosodimethylamine	3.375	42	334475	78.632	ng		97
6) Aniline	6.534	93	546535	73.316	ng	#	1
8) 2-Chlorophenol	6.663	128	452209	71.484	ng		95
10) Phenol	6.534	94	615111	72.814	ng		95
11) bis(2-Chloroethyl)ether	6.616	93	474035	74.530	ng		99
12) 1,3-Dichlorobenzene	6.816	146	513475	72.211	ng		99
13) 1,4-Dichlorobenzene	6.887	146	521149	72.172	ng		98
14) 1,2-Dichlorobenzene	7.045	146	474765	70.594	ng		96
15) Benzyl Alcohol	7.022	79	435814	72.966	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	893498	71.436	ng		96
17) 2-Methylphenol	7.134	107	382501	73.777	ng		95
18) Hexachloroethane	7.381	117	200368	75.480	ng		97
19) n-Nitroso-di-n-propyla...	7.298	70	350572	71.288	ng		95
20) 3+4-Methylphenols	7.286	107	455043	69.699	ng	#	88
22) Acetophenone	7.286	105	640473	72.084	ng	#	93
24) Nitrobenzene	7.463	77	572761	75.642	ng		98
25) Isophorone	7.698	82	968617	75.697	ng		98
26) 2-Nitrophenol	7.769	139	256971	79.180	ng		91
27) 2,4-Dimethylphenol	7.810	122	302550	75.851	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	569714	74.498	ng		97
29) 2,4-Dichlorophenol	8.016	162	387693	74.848	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	441985	73.248	ng		99
31) Naphthalene	8.175	128	1379618	72.511	ng		99
32) Benzoic acid	7.969	122	327137	86.411	ng		95
33) 4-Chloroaniline	8.228	127	504108	75.513	ng		98
34) Hexachlorobutadiene	8.286	225	274169	73.786	ng		99
35) Caprolactam	8.628	113	128952m	77.111	ng		
36) 4-Chloro-3-methylphenol	8.716	107	431831	74.468	ng		100
37) 2-Methylnaphthalene	8.869	142	882447	72.072	ng		98
38) 1-Methylnaphthalene	8.969	142	853621	71.435	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	414429	74.630	ng		100
41) Hexachlorocyclopentadiene	9.016	237	155681	86.372	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	270202	76.280	ng		100
44) 2,4,5-Trichlorophenol	9.192	196	295654	75.886	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1099337	72.805	ng		99
47) 2-Chloronaphthalene	9.357	162	847471	74.293	ng		99
48) 2-Nitroaniline	9.457	65	306621	77.568	ng		97
49) Acenaphthylene	9.775	152	1176103	72.619	ng		100
50) Dimethylphthalate	9.639	163	965517	74.941	ng		100
51) 2,6-Dinitrotoluene	9.698	165	225746	76.101	ng	#	85
52) Acenaphthene	9.945	154	789951	73.378	ng		99
53) 3-Nitroaniline	9.869	138	231690	76.204	ng		90
54) 2,4-Dinitrophenol	9.975	184	127582	80.129	ng		89
55) Dibenzofuran	10.116	168	1107132	70.902	ng		99
56) 4-Nitrophenol	10.033	139	175499	78.230	ng		99
57) 2,4-Dinitrotoluene	10.104	165	289021	75.302	ng		98
58) Fluorene	10.457	166	877390	71.013	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	236031	76.764	ng		98
60) Diethylphthalate	10.333	149	907098	73.033	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	440910	71.066	ng		99
62) 4-Nitroaniline	10.486	138	231180	75.879	ng		100
63) Azobenzene	10.610	77	972177	72.803	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	171685	87.776	ng	#	77
66) n-Nitrosodiphenylamine	10.569	169	753586	74.252	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	257288	73.898	ng		96
68) Hexachlorobenzene	11.004	284	286619	74.103	ng		97
69) Atrazine	11.098	200	240703	71.534	ng		98
70) Pentachlorophenol	11.198	266	189647	82.861	ng		96
71) Phenanthrene	11.422	178	1224429	71.547	ng		99
72) Anthracene	11.474	178	1232721	72.564	ng		100
73) Carbazole	11.627	167	1064037	69.697	ng		100
74) Di-n-butylphthalate	11.951	149	1250593	71.066	ng		100
75) Fluoranthene	12.604	202	1156461	66.225	ng		97
78) Pyrene	12.833	202	1161934	78.383	ng		98
80) Butylbenzylphthalate	13.445	149	353411	79.253	ng		97
81) Benzo(a)anthracene	14.015	228	739273	75.448	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	190332	75.384	ng		98
83) Chrysene	14.057	228	698381	75.343	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	415997	87.470	ng	#	99
85) Di-n-octyl phthalate	14.615	149	714190	95.059	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	990166	82.433	ng		100
88) Benzo(b)fluoranthene	15.068	252	738516	73.332	ng		99
89) Benzo(k)fluoranthene	15.098	252	687448	69.990	ng		99
90) Benzo(a)pyrene	15.433	252	674064	76.192	ng		100
91) Dibenzo(a,h)anthracene	16.998	278	801135	81.535	ng		99
92) Benzo(g,h,i)perylene	17.433	276	863528	82.880	ng		97

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

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