Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
Data File : BF138264.D
Acq On : 20 Jun 2024 16:05
Operator : CG\JU
Sample : PB161609BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 16:28:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161609BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	402960	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1611109	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	888810	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1529173	20.000	ng		0.00
76) Chrysene-d12	14.051	240	801578	20.000	ng		0.00
86) Perylene-d12	15.521	264	769413	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2661983	110.508	ng		0.02
7) Phenol-d6	6.528	99	3359832	109.995	ng		0.00
23) Nitrobenzene-d5	7.457	82	2177326	78.676	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	1065003	120.362	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	3831957	68.557	ng		0.00
79) Terphenyl-d14	12.998	244	4046015	79.945	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	331461	30.068	ng		97
3) Pyridine	3.528	79	778027	29.696	ng		98
4) n-Nitrosodimethylamine	3.493	42	493905	40.733	ng		94
6) Aniline	6.551	93	680712	22.776	ng		99
8) 2-Chlorophenol	6.675	128	1148741	44.110	ng		99
9) Benzaldehyde	6.440	77	472171	29.104	ng		95
10) Phenol	6.540	94	1270403m	40.983	ng		
11) bis(2-Chloroethyl)ether	6.628	93	1053154	42.450	ng		98
12) 1,3-Dichlorobenzene	6.828	146	1137803	38.443	ng		100
13) 1,4-Dichlorobenzene	6.904	146	1159383	38.925	ng		100
14) 1,2-Dichlorobenzene	7.057	146	1126109	40.275	ng		99
15) Benzyl Alcohol	7.034	79	929447	45.129	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1403861	40.095	ng		96
17) 2-Methylphenol	7.145	107	885131	43.078	ng		97
18) Hexachloroethane	7.398	117	421515	41.773	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	750351	41.442	ng		96
20) 3+4-Methylphenols	7.298	107	1007309	38.949	ng		96
22) Acetophenone	7.298	105	1430843	38.877	ng	#	90
24) Nitrobenzene	7.475	77	1134736	39.672	ng		93
25) Isophorone	7.710	82	2104794	42.047	ng		99
26) 2-Nitrophenol	7.787	139	628004	54.602	ng		98
27) 2,4-Dimethylphenol	7.822	122	781075	44.638	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	1304492	41.630	ng		99
29) 2,4-Dichlorophenol	8.028	162	953183	42.311	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	1055144	39.715	ng		99
31) Naphthalene	8.192	128	3089813	38.785	ng		100
32) Benzoic acid	7.969	122	811161	52.597	ng		98
33) 4-Chloroaniline	8.239	127	642155	21.567	ng		99
34) Hexachlorobutadiene	8.304	225	598604	38.525	ng		98
35) Caprolactam	8.622	113	314944m	46.307	ng		
36) 4-Chloro-3-methylphenol	8.728	107	969687	43.231	ng		100
37) 2-Methylnaphthalene	8.881	142	2058910	39.379	ng		100
38) 1-Methylnaphthalene	8.981	142	1926594	37.603	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	1024248	39.436	ng		99
41) Hexachlorocyclopentadiene	9.034	237	827515	97.712	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	714984	43.965	ng		98

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44) 2,4,5-Trichlorophenol	9.210	196	745453	41.740	ng		98
46) 1,1'-Biphenyl	9.351	154	2508653	38.465	ng		99
47) 2-Chloronaphthalene	9.375	162	1998663	38.776	ng		100
48) 2-Nitroaniline	9.469	65	601513	48.458	ng		99
49) Acenaphthylene	9.792	152	2998279	41.483	ng		99
50) Dimethylphthalate	9.651	163	2333573	42.851	ng		99
51) 2,6-Dinitrotoluene	9.716	165	560596	47.451	ng	#	83
52) Acenaphthene	9.963	154	2147271m	43.568	ng		
53) 3-Nitroaniline	9.881	138	445568	35.304	ng		97
54) 2,4-Dinitrophenol	9.992	184	627085	96.720	ng	#	86
55) Dibenzofuran	10.133	168	2741022	39.784	ng		99
56) 4-Nitrophenol	10.045	139	927507	92.995	ng		97
57) 2,4-Dinitrotoluene	10.116	165	744464	51.090	ng	#	90
58) Fluorene	10.475	166	2041681	37.690	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	615652	44.109	ng		99
60) Diethylphthalate	10.351	149	2195355	42.475	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	1042677	38.648	ng		98
62) 4-Nitroaniline	10.504	138	513808	40.746	ng		96
63) Azobenzene	10.628	77	2102767	40.609	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	422799	53.356	ng		95
66) n-Nitrosodiphenylamine	10.586	169	1899418	40.572	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	716595	41.587	ng	#	93
68) Hexachlorobenzene	11.022	284	819273	40.742	ng		98
69) Atrazine	11.116	200	610606	45.791	ng		98
70) Pentachlorophenol	11.216	266	923375	78.735	ng		97
71) Phenanthrene	11.439	178	2974729	39.336	ng		99
72) Anthracene	11.492	178	2960126	39.425	ng		99
73) Carbazole	11.645	167	2686962	39.018	ng		100
74) Di-n-butylphthalate	11.975	149	3126103	43.849	ng		99
75) Fluoranthene	12.627	202	3004623	38.963	ng		99
77) Benzidine	12.739	184	75667	8.161	ng		100
78) Pyrene	12.857	202	3004799	43.459	ng		99
80) Butylbenzylphthalate	13.469	149	1092469	58.089	ng		97
81) Benzo(a)anthracene	14.039	228	2183263	42.455	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	606795	42.848	ng		100
83) Chrysene	14.074	228	2067194	42.173	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1302539	59.548	ng		99
85) Di-n-octyl phthalate	14.639	149	2122303	65.311	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	2691999	53.670	ng		99
88) Benzo(b)fluoranthene	15.092	252	2131860	46.985	ng		99
89) Benzo(k)fluoranthene	15.121	252	2071057	46.575	ng		99
90) Benzo(a)pyrene	15.463	252	1979465	50.782	ng		100
91) Dibenzo(a,h)anthracene	17.033	278	2226122	54.071	ng		98
92) Benzo(g,h,i)perylene	17.462	276	2141332	50.276	ng		99

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

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