Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
Data File : BF138193.D
Acq On : 12 Jun 2024 14:34
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 13 01:47:42 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 01:38:18 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	367851	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1350165	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	720889	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	1205057	20.000	ng		0.00
76) Chrysene-d12	14.051	240	642834	20.000	ng		0.00
86) Perylene-d12	15.521	264	673743	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2478171	112.697	ng		0.00
7) Phenol-d6	6.528	99	3158711	113.281	ng		0.00
23) Nitrobenzene-d5	7.463	82	2808947	121.116	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	843880	117.588	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	4559638	100.577	ng		0.00
79) Terphenyl-d14	13.004	244	4579590	112.833	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	593516	58.979	ng		99
3) Pyridine	3.451	79	1373697	57.436	ng		100
4) n-Nitrosodimethylamine	3.422	42	656024	59.266	ng		98
6) Aniline	6.604	93	1566214m	57.404	ng		
8) 2-Chlorophenol	6.681	128	1364959	57.414	ng		94
9) Benzaldehyde	6.445	77	709179	47.886	ng		98
10) Phenol	6.539	94	1639126m	57.925	ng		
11) bis(2-Chloroethyl)ether	6.639	93	1360575	60.076	ng		99
12) 1,3-Dichlorobenzene	6.839	146	1529250	56.601	ng		97
13) 1,4-Dichlorobenzene	6.916	146	1534568	56.439	ng		99
14) 1,2-Dichlorobenzene	7.069	146	1417350	55.529	ng		99
15) Benzyl Alcohol	7.039	79	1095842	58.286	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1840903	57.595	ng		99
17) 2-Methylphenol	7.145	107	1102200	58.762	ng		99
18) Hexachloroethane	7.410	117	547563	59.444	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	939040	56.814	ng		98
20) 3+4-Methylphenols	7.304	107	1295821	54.887	ng		99
22) Acetophenone	7.310	105	1728871	56.053	ng	#	98
24) Nitrobenzene	7.486	77	1463131	61.040	ng		93
25) Isophorone	7.722	82	2468782	58.851	ng		100
26) 2-Nitrophenol	7.792	139	682082	70.765	ng		95
27) 2,4-Dimethylphenol	7.828	122	873752	59.585	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	1542039	58.722	ng		100
29) 2,4-Dichlorophenol	8.034	162	1136900	60.219	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	1294913	58.159	ng		99
31) Naphthalene	8.204	128	3698583	55.399	ng		98
32) Benzoic acid	7.963	122	912031	70.567	ng		98
33) 4-Chloroaniline	8.257	127	1481814	59.385	ng		99
34) Hexachlorobutadiene	8.316	225	753142	57.838	ng		98
35) Caprolactam	8.633	113	351724	61.710	ng		99
36) 4-Chloro-3-methylphenol	8.728	107	1120128	59.589	ng		98
37) 2-Methylnaphthalene	8.892	142	2449877	55.913	ng		99
38) 1-Methylnaphthalene	8.992	142	2375906	55.334	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	1210136	57.446	ng		100
41) Hexachlorocyclopentadiene	9.039	237	447316	65.122	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	807472	61.217	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	870845	60.119	ng	98
46) 1,1'-Biphenyl	9.357	154	2888525	54.606	ng	98
47) 2-Chloronaphthalene	9.380	162	2358517	56.416	ng	99
48) 2-Nitroaniline	9.475	65	663592	65.912	ng	97
49) Acenaphthylene	9.798	152	3295581	56.218	ng	99
50) Dimethylphthalate	9.657	163	2542753	57.568	ng	99
51) 2,6-Dinitrotoluene	9.716	165	620707	64.777	ng	97
52) Acenaphthene	9.969	154	2261664	56.578	ng	99
53) 3-Nitroaniline	9.886	138	646785	63.184	ng	98
54) 2,4-Dinitrophenol	9.986	184	273966	61.892	ng	96
55) Dibenzofuran	10.139	168	3103550	55.538	ng	99
56) 4-Nitrophenol	10.039	139	528513	65.334	ng	90
57) 2,4-Dinitrotoluene	10.122	165	797351	67.466	ng	99
58) Fluorene	10.480	166	2394492	54.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	689231	60.883	ng	99
60) Diethylphthalate	10.357	149	2398097	57.205	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	1196506	54.680	ng	98
62) 4-Nitroaniline	10.504	138	631897	61.783	ng	98
63) Azobenzene	10.633	77	2405829	57.284	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	393028	61.694	ng	80
66) n-Nitrosodiphenylamine	10.592	169	2133337	57.825	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	808109	59.512	ng	95
68) Hexachlorobenzene	11.027	284	925338	58.393	ng	94
69) Atrazine	11.116	200	605497	57.621	ng	98
70) Pentachlorophenol	11.216	266	589897	63.829	ng	96
71) Phenanthrene	11.445	178	3313866	55.607	ng	99
72) Anthracene	11.492	178	3317417	56.067	ng	98
73) Carbazole	11.645	167	3034337	55.913	ng	98
74) Di-n-butylphthalate	11.980	149	3247383	57.801	ng	100
75) Fluoranthene	12.627	202	3355016	55.209	ng	97
77) Benzidine	12.745	184	529300	71.186	ng	99
78) Pyrene	12.857	202	3400285	61.324	ng	98
80) Butylbenzylphthalate	13.474	149	1014675	67.275	ng	96
81) Benzo(a)anthracene	14.039	228	2374340	57.572	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	635790	55.982	ng	99
83) Chrysene	14.080	228	2261365	57.526	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	1136401	64.783	ng	98
85) Di-n-octyl phthalate	14.645	149	1681194	64.512	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	2932922	66.776	ng	99
88) Benzo(b)fluoranthene	15.092	252	2368482	59.612	ng	98
89) Benzo(k)fluoranthene	15.127	252	2145793	55.108	ng	99
90) Benzo(a)pyrene	15.462	252	2058493	60.308	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	2396204	66.467	ng	98
92) Benzo(g,h,i)perylene	17.468	276	2500541	67.047	ng	99

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

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