Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
Data File : BF138197.D
Acq On : 12 Jun 2024 16:46
Operator : CG\JU
Sample : PB161404BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 13 02:14:22 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 :
PB161404BS

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	6.893	152	406946	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1618370	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	898450	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1546432	20.000	ng	0.00
76) Chrysene-d12	14.051	240	939838	20.000	ng	0.00
86) Perylene-d12	15.521	264	784839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2800625	115.125	ng	0.02
7) Phenol-d6	6.528	99	3586719	116.273	ng	0.00
23) Nitrobenzene-d5	7.457	82	2193933	78.921	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1091281	122.009	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4162562	73.672	ng	0.00
79) Terphenyl-d14	12.998	244	4449504	74.984	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	359870	32.325	ng	99
3) Pyridine	3.546	79	865092	32.695	ng	99
4) n-Nitrosodimethylamine	3.505	42	506710	41.379	ng	99
6) Aniline	6.557	93	813159	26.941	ng	97
8) 2-Chlorophenol	6.681	128	1166077	44.337	ng	99
9) Benzaldehyde	6.446	77	574586	35.070	ng	100
10) Phenol	6.540	94	1380790m	44.108	ng	
11) bis(2-Chloroethyl)ether	6.634	93	1069857	42.701	ng	99
12) 1,3-Dichlorobenzene	6.834	146	1172249	39.219	ng	99
13) 1,4-Dichlorobenzene	6.910	146	1197710	39.818	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1157339	40.986	ng	99
15) Benzyl Alcohol	7.034	79	941641	45.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1526812	43.179	ng	99
17) 2-Methylphenol	7.145	107	906091	43.666	ng	99
18) Hexachloroethane	7.404	117	422225	41.434	ng	94
19) n-Nitroso-di-n-propyla...	7.310	70	792471	43.340	ng	99
20) 3+4-Methylphenols	7.298	107	1113862	42.647	ng	97
22) Acetophenone	7.304	105	1508180	40.795	ng	98
24) Nitrobenzene	7.475	77	1152693	40.119	ng	99
25) Isophorone	7.716	82	2134758	42.455	ng	99
26) 2-Nitrophenol	7.792	139	583754	50.527	ng	98
27) 2,4-Dimethylphenol	7.828	122	806517m	45.885	ng	
28) bis(2-Chloroethoxy)met...	7.928	93	1330565	42.272	ng	99
29) 2,4-Dichlorophenol	8.028	162	980005	43.306	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	1061619	39.779	ng	99
31) Naphthalene	8.198	128	3189106	39.852	ng	99
32) Benzoic acid	7.957	122	733829	47.369	ng	97
33) 4-Chloroaniline	8.245	127	608105	20.331	ng	98
34) Hexachlorobutadiene	8.310	225	598525	38.347	ng	98
35) Caprolactam	8.616	113	318529m	46.624	ng	
36) 4-Chloro-3-methylphenol	8.722	107	982779	43.618	ng	95
37) 2-Methylnaphthalene	8.887	142	2145352	40.849	ng	98
38) 1-Methylnaphthalene	8.986	142	2012070	39.095	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	1056385	40.237	ng	99
41) Hexachlorocyclopentadiene	9.039	237	885750	103.466	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	732430	44.554	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	751836	41.646	ng		99
46) 1,1'-Biphenyl	9.351	154	2638669	40.024	ng		99
47) 2-Chloronaphthalene	9.375	162	2065729	39.647	ng		99
48) 2-Nitroaniline	9.475	65	599143	47.749	ng		90
49) Acenaphthylene	9.792	152	3169301	43.379	ng		99
50) Dimethylphthalate	9.657	163	2350327	42.696	ng		99
51) 2,6-Dinitrotoluene	9.716	165	543503	45.511	ng		88
52) Acenaphthene	9.963	154	2202397m	44.207	ng		
53) 3-Nitroaniline	9.881	138	406981	31.901	ng		99
54) 2,4-Dinitrophenol	9.986	184	555700	88.128	ng		97
55) Dibenzofuran	10.139	168	2849946	40.921	ng		99
56) 4-Nitrophenol	10.045	139	960347	95.254	ng		91
57) 2,4-Dinitrotoluene	10.116	165	711074	48.275	ng	#	86
58) Fluorene	10.481	166	2200026	40.177	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	631627	44.768	ng		99
60) Diethylphthalate	10.357	149	2236792	42.813	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	1097782	40.254	ng		98
62) 4-Nitroaniline	10.498	138	534816	41.957	ng		99
63) Azobenzene	10.633	77	2217013	42.356	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	370949	47.208	ng		93
66) n-Nitrosodiphenylamine	10.592	169	1974559	41.706	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	734444	42.147	ng		97
68) Hexachlorobenzene	11.022	284	829227	40.777	ng		99
69) Atrazine	11.116	200	641956	47.605	ng		98
70) Pentachlorophenol	11.216	266	987375	83.253	ng		98
71) Phenanthrene	11.439	178	3193377	41.756	ng		99
72) Anthracene	11.492	178	3180828	41.891	ng		98
73) Carbazole	11.645	167	2891953	41.526	ng		99
74) Di-n-butylphthalate	11.975	149	3164681	43.895	ng		100
75) Fluoranthene	12.627	202	3223302	41.333	ng		97
77) Benzidine	12.745	184	94607	8.703	ng		99
78) Pyrene	12.857	202	3306547	40.788	ng		98
80) Butylbenzylphthalate	13.474	149	1174968	53.285	ng		98
81) Benzo(a)anthracene	14.039	228	2533742	42.022	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	644790	38.833	ng		99
83) Chrysene	14.080	228	2435164	42.371	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	1378288	53.742	ng		99
85) Di-n-octyl phthalate	14.645	149	1865605	48.965	ng		100
87) Indeno(1,2,3-cd)pyrene	17.004	276	2486578	48.600	ng		99
88) Benzo(b)fluoranthene	15.092	252	2180428	47.111	ng		99
89) Benzo(k)fluoranthene	15.121	252	2156128	47.535	ng		99
90) Benzo(a)pyrene	15.463	252	1962946	49.368	ng		100
91) Dibenzo(a,h)anthracene	17.027	278	2049655	48.806	ng		100
92) Benzo(g,h,i)perylene	17.457	276	1978199	45.533	ng		98

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

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