Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
Data File : BF138201.D
Acq On : 17 Jun 2024 13:33
Operator : CG\JU
Sample : PB161511BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 17 14:03:20 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 :
PB161511BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	471853	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1888249	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	1025169	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	1735181	20.000	ng		0.00
76) Chrysene-d12	14.051	240	1006668	20.000	ng	#	0.00
86) Perylene-d12	15.521	264	904722	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	3295008	116.816	ng		0.02
7) Phenol-d6	6.528	99	4153671	116.130	ng		0.00
23) Nitrobenzene-d5	7.463	82	2555381	78.785	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	1160692	113.729	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	4517770	70.075	ng		0.00
79) Terphenyl-d14	13.004	244	4714816	74.180	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	416392	32.257	ng		100
3) Pyridine	3.546	79	1012113	32.990	ng		98
4) n-Nitrosodimethylamine	3.504	42	597659	42.093	ng	#	93
6) Aniline	6.557	93	898228	25.665	ng		98
8) 2-Chlorophenol	6.681	128	1366270	44.803	ng		97
9) Benzaldehyde	6.445	77	608543	32.034	ng		99
10) Phenol	6.539	94	1582817m	43.606	ng		
11) bis(2-Chloroethyl)ether	6.634	93	1284444	44.214	ng		99
12) 1,3-Dichlorobenzene	6.834	146	1339522	38.651	ng		98
13) 1,4-Dichlorobenzene	6.910	146	1359220	38.972	ng		99
14) 1,2-Dichlorobenzene	7.063	146	1314889	40.160	ng		99
15) Benzyl Alcohol	7.034	79	1116322	46.288	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1782361	43.472	ng		99
17) 2-Methylphenol	7.145	107	1065073	44.267	ng		99
18) Hexachloroethane	7.404	117	490160	41.484	ng		91
19) n-Nitroso-di-n-propyla...	7.310	70	928072	43.774	ng		97
20) 3+4-Methylphenols	7.298	107	1270555	41.955	ng		96
22) Acetophenone	7.304	105	1754019	40.663	ng		95
24) Nitrobenzene	7.481	77	1363952	40.687	ng		94
25) Isophorone	7.716	82	2523497	43.013	ng		99
26) 2-Nitrophenol	7.792	139	650133	48.230	ng		96
27) 2,4-Dimethylphenol	7.828	122	941273m	45.897	ng		
28) bis(2-Chloroethoxy)met...	7.928	93	1570973	42.776	ng		100
29) 2,4-Dichlorophenol	8.033	162	1105853	41.883	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	1212157	38.928	ng		98
31) Naphthalene	8.198	128	3611541	38.680	ng		99
32) Benzoic acid	7.957	122	805244	44.550	ng		98
33) 4-Chloroaniline	8.245	127	738635	21.166	ng		99
34) Hexachlorobutadiene	8.316	225	677422	37.198	ng		98
35) Caprolactam	8.622	113	368712m	46.256	ng		
36) 4-Chloro-3-methylphenol	8.728	107	1162610	44.224	ng		96
37) 2-Methylnaphthalene	8.886	142	2447195	39.936	ng		99
38) 1-Methylnaphthalene	8.986	142	2278734	37.948	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1156358	38.600	ng		99
41) Hexachlorocyclopentadiene	9.039	237	936088	95.830	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	811095	43.241	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	847168	41.126	ng		99
46)	1,1'-Biphenyl	9.357	154	2958951	39.334	ng		99
47)	2-Chloronaphthalene	9.380	162	2322418	39.064	ng		99
48)	2-Nitroaniline	9.475	65	690067	48.198	ng		97
49)	Acenaphthylene	9.792	152	3485352	41.808	ng		99
50)	Dimethylphthalate	9.657	163	2669784	42.504	ng		99
51)	2,6-Dinitrotoluene	9.716	165	601025	44.106	ng		96
52)	Acenaphthene	9.969	154	2429837	42.744	ng		99
53)	3-Nitroaniline	9.886	138	472975	32.491	ng		94
54)	2,4-Dinitrophenol	9.992	184	558057	80.437	ng		91
55)	Dibenzofuran	10.139	168	3180337	40.020	ng		98
56)	4-Nitrophenol	10.045	139	1061427	92.267	ng		97
57)	2,4-Dinitrotoluene	10.122	165	802449	47.745	ng		92
58)	Fluorene	10.480	166	2390496	38.259	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	696880	43.287	ng		98
60)	Diethylphthalate	10.357	149	2554104	42.843	ng		100
61)	4-Chlorophenyl-phenyle...	10.475	204	1198480	38.514	ng		97
62)	4-Nitroaniline	10.504	138	607282	41.753	ng		99
63)	Azobenzene	10.633	77	2521599	42.220	ng		96
65)	4,6-Dinitro-2-methylph...	10.527	198	379116	43.618	ng		79
66)	n-Nitrosodiphenylamine	10.592	169	2178375	41.006	ng		99
67)	4-Bromophenyl-phenylether	10.963	248	793336	40.575	ng		94
68)	Hexachlorobenzene	11.022	284	901886	39.526	ng		95
69)	Atrazine	11.116	200	712352	47.079	ng		99
70)	Pentachlorophenol	11.216	266	1049842	78.891	ng		98
71)	Phenanthrene	11.445	178	3428319	39.952	ng		99
72)	Anthracene	11.492	178	3463814	40.656	ng		98
73)	Carbazole	11.645	167	3188290	40.801	ng		99
74)	Di-n-butylphthalate	11.974	149	3519802	43.510	ng		99
75)	Fluoranthene	12.627	202	3479029	39.759	ng		96
77)	Benzidine	12.745	184	84164	7.228	ng		98
78)	Pyrene	12.857	202	3528458	40.636	ng		99
80)	Butylbenzylphthalate	13.474	149	1263292	53.487	ng		95
81)	Benzo(a)anthracene	14.045	228	2743920	42.487	ng		100
82)	3,3'-Dichlorobenzidine	14.004	252	711808	40.023	ng		98
83)	Chrysene	14.080	228	2613577	42.457	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.033	149	1527538	55.607	ng		99
85)	Di-n-octyl phthalate	14.645	149	2220805	54.419	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.015	276	2910880	49.354	ng		98
88)	Benzo(b)fluoranthene	15.092	252	2540663	47.620	ng		98
89)	Benzo(k)fluoranthene	15.127	252	2385788	45.629	ng		99
90)	Benzo(a)pyrene	15.462	252	2238438	48.837	ng	#	98
91)	Dibenzo(a,h)anthracene	17.033	278	2414185	49.869	ng		99
92)	Benzo(g,h,i)perylene	17.468	276	2341482	46.754	ng		98

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

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