Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137978.D
Acq On : 21 May 2024 15:08
Operator : CG\JU
Sample : P2500-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 21 15:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

05/22/2024

Supervised By :mohammad ahmed

05/24/2024

Supervised By :mohammad ahmed

05/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.034	152	151401	20.000	ng		-0.01
21) Naphthalene-d8	8.316	136	600989	20.000	ng		-0.01
39) Acenaphthene-d10	10.086	164	349319	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	624801	20.000	ng		0.00
76) Chrysene-d12	14.227	240	346473	20.000	ng		0.00
86) Perylene-d12	15.792	264	341300	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.663	112	847748	95.113	ng		0.00
7) Phenol-d6	6.651	99	1052736	95.882	ng		0.00
23) Nitrobenzene-d5	7.598	82	640065	62.677	ng		-0.01
42) 2,4,6-Tribromophenol	10.880	330	385764	109.524	ng		0.00
45) 2-Fluorobiphenyl	9.398	172	1412218	62.274	ng		0.00
79) Terphenyl-d14	13.163	244	1609738	68.474	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.963	88	130210	33.723	ng		99
3) Pyridine	3.734	79	309657	35.742	ng		98
4) n-Nitrosodimethylamine	3.693	42	161835	42.343	ng		98
6) Aniline	6.698	93	416174m	42.379	ng		
8) 2-Chlorophenol	6.816	128	435992	45.201	ng		98
9) Benzaldehyde	6.587	77	91499	15.403	ng		96
10) Phenol	6.663	94	488161	44.049	ng		100
11) bis(2-Chloroethyl)ether	6.763	93	388687	45.679	ng		99
12) 1,3-Dichlorobenzene	6.975	146	461501	41.353	ng		98
13) 1,4-Dichlorobenzene	7.051	146	465469	41.552	ng		99
14) 1,2-Dichlorobenzene	7.204	146	446875	42.386	ng		99
15) Benzyl Alcohol	7.169	79	355950	48.550	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	481495	46.034	ng		98
17) 2-Methylphenol	7.275	107	338267	43.974	ng		100
18) Hexachloroethane	7.545	117	160163	42.252	ng		91
19) n-Nitroso-di-n-propyla...	7.439	70	283178	45.907	ng		99
20) 3+4-Methylphenols	7.428	107	442773	43.937	ng		95
22) Acetophenone	7.439	105	588489	43.711	ng	#	98
24) Nitrobenzene	7.616	77	422729	40.805	ng		97
25) Isophorone	7.851	82	800701	45.177	ng		99
26) 2-Nitrophenol	7.934	139	232525	44.669	ng		96
27) 2,4-Dimethylphenol	7.957	122	322061	48.055	ng		98
28) bis(2-Chloroethoxy)met...	8.057	93	480560	44.737	ng		99
29) 2,4-Dichlorophenol	8.169	162	380326	45.128	ng		99
30) 1,2,4-Trichlorobenzene	8.257	180	394392	41.913	ng		99
31) Naphthalene	8.339	128	1276000	42.227	ng		100
32) Benzoic acid	8.075	122	251851	44.455	ng		98
33) 4-Chloroaniline	8.381	127	269787	27.235	ng		99
34) Hexachlorobutadiene	8.451	225	244664	41.079	ng		99
35) Caprolactam	8.763	113	126915m	51.979	ng		
36) 4-Chloro-3-methylphenol	8.863	107	401309	46.810	ng		99
37) 2-Methylnaphthalene	9.034	142	854517	43.993	ng		100
38) 1-Methylnaphthalene	9.134	142	790966	41.421	ng		99
40) 1,2,4,5-Tetrachloroben...	9.198	216	411214	43.301	ng		99
41) Hexachlorocyclopentadiene	9.186	237	436632	121.001	ng		99
43) 2,4,6-Trichlorophenol	9.310	196	290491	46.653	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	307283	45.102	ng		97
46) 1,1'-Biphenyl	9.498	154	1069095	43.635	ng		99
47) 2-Chloronaphthalene	9.528	162	832089	42.544	ng		99
48) 2-Nitroaniline	9.622	65	233161	46.555	ng		96
49) Acenaphthylene	9.945	152	1331138	47.334	ng		99
50) Dimethylphthalate	9.798	163	1035990	47.295	ng		100
51) 2,6-Dinitrotoluene	9.863	165	227873	45.325	ng		98
52) Acenaphthene	10.122	154	874874	47.069	ng		99
53) 3-Nitroaniline	10.033	138	193326	39.334	ng		99
54) 2,4-Dinitrophenol	10.139	184	209327	77.325	ng	#	83
55) Dibenzofuran	10.292	168	1215951	44.951	ng		100
56) 4-Nitrophenol	10.186	139	364133	103.152	ng		98
57) 2,4-Dinitrotoluene	10.269	165	320138	49.256	ng		94
58) Fluorene	10.633	166	959397	44.840	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	256925	48.003	ng		99
60) Diethylphthalate	10.498	149	1013236	49.528	ng		99
61) 4-Chlorophenyl-phenyle...	10.622	204	483068	45.782	ng		99
62) 4-Nitroaniline	10.657	138	236681	50.772	ng		98
63) Azobenzene	10.786	77	889312	47.791	ng		98
65) 4,6-Dinitro-2-methylph...	10.675	198	158190	43.849	ng		91
66) n-Nitrosodiphenylamine	10.745	169	858397	44.800	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	310656	45.354	ng		99
68) Hexachlorobenzene	11.186	284	329687	43.543	ng		98
69) Atrazine	11.269	200	304930	58.280	ng		100
70) Pentachlorophenol	11.375	266	382371	86.215	ng		99
71) Phenanthrene	11.604	178	1365543	44.351	ng		99
72) Anthracene	11.657	178	1381642	45.227	ng		99
73) Carbazole	11.810	167	1245952	44.648	ng		100
74) Di-n-butylphthalate	12.127	149	1617502	52.228	ng		99
75) Fluoranthene	12.798	202	1355507	43.373	ng		98
77) Benzidine	12.916	184	344694	76.125	ng		99
78) Pyrene	13.027	202	1328440	43.837	ng		99
80) Butylbenzylphthalate	13.633	149	566176	61.941	ng		96
81) Benzo(a)anthracene	14.221	228	1037639	47.337	ng		99
82) 3,3'-Dichlorobenzidine	14.174	252	267476	44.031	ng		98
83) Chrysene	14.257	228	957549	45.676	ng		99
84) Bis(2-ethylhexyl)phtha...	14.186	149	792626	68.983	ng		99
85) Di-n-octyl phthalate	14.816	149	1123319	72.367	ng		99
87) Indeno(1,2,3-cd)pyrene	17.415	276	843973	38.489	ng		99
88) Benzo(b)fluoranthene	15.321	252	967113	48.939	ng		99
89) Benzo(k)fluoranthene	15.357	252	869616	44.794	ng		100
90) Benzo(a)pyrene	15.727	252	832502	49.335	ng		99
91) Dibenzo(a,h)anthracene	17.439	278	704143	38.867	ng		99
92) Benzo(g,h,i)perylene	17.915	276	589698	30.985	ng		99

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

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