Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020603.D
Acq On : 12 Jun 2024 16:40
Operator : MA/JU
Sample : PB161451BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 12 17:21:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB161451BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	259316	20.000	ng		-0.02
21) Naphthalene-d8	10.516	136	910834	20.000	ng		-0.02
39) Acenaphthene-d10	14.374	164	531200	20.000	ng		-0.02
64) Phenanthrene-d10	17.186	188	1100028	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1072704	20.000	ng		-0.03
86) Perylene-d12	24.992	264	1273728	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1812150	125.120	ng		0.00
7) Phenol-d6	6.934	99	2172366	106.358	ng		0.00
23) Nitrobenzene-d5	8.904	82	1356476	81.523	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	854801	155.057	ng		-0.02
45) 2-Fluorobiphenyl	12.980	172	2894556	81.231	ng		-0.02
79) Terphenyl-d14	19.927	244	4756888	73.822	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	209999	35.884	ng		96
3) Pyridine	3.716	79	504746	30.676	ng		95
4) n-Nitrosodimethylamine	3.628	42	292263	36.570	ng		90
6) Aniline	7.087	93	449123	21.700	ng		98
8) 2-Chlorophenol	7.322	128	670388	41.291	ng		97
9) Benzaldehyde	6.910	77	357872m	27.315	ng		
10) Phenol	6.957	94	788717	37.698	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	643244	37.281	ng		97
12) 1,3-Dichlorobenzene	7.640	146	773660	40.445	ng		99
13) 1,4-Dichlorobenzene	7.787	146	780605	40.150	ng		98
14) 1,2-Dichlorobenzene	8.098	146	744071	39.656	ng		98
15) Benzyl Alcohol	7.987	79	555131	36.795	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	864238	33.550	ng		98
17) 2-Methylphenol	8.192	107	517858	36.475	ng		97
18) Hexachloroethane	8.816	117	288110	40.583	ng		93
19) n-Nitroso-di-n-propyla...	8.551	70	460535	33.029	ng		96
20) 3+4-Methylphenols	8.516	107	691930	35.831	ng		99
22) Acetophenone	8.569	105	945612	41.825	ng	#	97
24) Nitrobenzene	8.945	77	689262	40.816	ng		97
25) Isophorone	9.463	82	1214834	37.577	ng		99
26) 2-Nitrophenol	9.645	139	343397	51.137	ng		94
27) 2,4-Dimethylphenol	9.698	122	416396	42.633	ng		99
28) bis(2-Chloroethoxy)met...	9.939	93	760531	38.274	ng		100
29) 2,4-Dichlorophenol	10.169	162	573148	43.741	ng		97
30) 1,2,4-Trichlorobenzene	10.386	180	677948	43.582	ng		98
31) Naphthalene	10.563	128	1912127	41.065	ng		100
32) Benzoic acid	9.845	122	411015	44.824	ng		100
33) 4-Chloroaniline	10.686	127	338603	18.798	ng		98
34) Hexachlorobutadiene	10.839	225	426867	43.563	ng		97
35) Caprolactam	11.481	113	182140	37.931	ng		91
36) 4-Chloro-3-methylphenol	11.804	107	598710	39.025	ng		99
37) 2-Methylnaphthalene	12.181	142	1271302	38.103	ng		99
38) 1-Methylnaphthalene	12.392	142	1186093	35.861	ng		100
40) 1,2,4,5-Tetrachloroben...	12.545	216	715325	46.542	ng		99
41) Hexachlorocyclopentadiene	12.522	237	724128	134.060	ng		99
43) 2,4,6-Trichlorophenol	12.786	196	460638	49.583	ng		99

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44) 2,4,5-Trichlorophenol	12.869	196	496044	46.281	ng	97
46) 1,1'-Biphenyl	13.198	154	1625434	43.358	ng	99
47) 2-Chloronaphthalene	13.239	162	1256485	42.161	ng	98
48) 2-Nitroaniline	13.445	65	376464	46.618	ng	100
49) Acenaphthylene	14.092	152	2017995	45.634	ng	99
50) Dimethylphthalate	13.827	163	1549264	41.376	ng	99
51) 2,6-Dinitrotoluene	13.957	165	345131	43.123	ng	93
52) Acenaphthene	14.439	154	1138782	40.824	ng	99
53) 3-Nitroaniline	14.286	138	277185	34.527	ng	98
54) 2,4-Dinitrophenol	14.492	184	415607	104.300	ng	91
55) Dibenzofuran	14.786	168	1845602	41.767	ng	99
56) 4-Nitrophenol	14.604	139	626967	100.960	ng	93
57) 2,4-Dinitrotoluene	14.751	165	483621	45.980	ng	93
58) Fluorene	15.445	166	1456332	41.054	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	433705	49.447	ng	97
60) Diethylphthalate	15.216	149	1547236	40.649	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	757253	41.367	ng	99
62) 4-Nitroaniline	15.469	138	347590	42.032	ng	95
63) Azobenzene	15.745	77	1401551	39.434	ng	95
65) 4,6-Dinitro-2-methylph...	15.527	198	288250	57.334	ng	95
66) n-Nitrosodiphenylamine	15.663	169	1316487	43.530	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	503220	44.715	ng	96
68) Hexachlorobenzene	16.469	284	581944	43.937	ng	98
69) Atrazine	16.645	200	491357	46.180	ng	99
70) Pentachlorophenol	16.827	266	777870	96.699	ng	98
71) Phenanthrene	17.233	178	2415023	44.661	ng	99
72) Anthracene	17.327	178	2349184	44.273	ng	100
73) Carbazole	17.610	167	2241767	43.678	ng	99
74) Di-n-butylphthalate	18.204	149	2766830	44.515	ng	100
75) Fluoranthene	19.321	202	2888747	45.156	ng	99
77) Benzidine	19.533	184	280106m	12.402	ng	
78) Pyrene	19.704	202	3029185	37.542	ng	100
80) Butylbenzylphthalate	20.662	149	1292556	40.195	ng	94
81) Benzo(a)anthracene	21.621	228	3070002	43.465	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	898379	42.787	ng	99
83) Chrysene	21.686	228	2920909	43.887	ng	100
84) Bis(2-ethylhexyl)phtha...	21.574	149	1856405	40.426	ng	99
85) Di-n-octyl phthalate	22.856	149	3357041	50.297	ng	96
87) Indeno(1,2,3-cd)pyrene	28.803	276	4339692	56.029	ng	98
88) Benzo(b)fluoranthene	23.933	252	3418281	43.078	ng	99
89) Benzo(k)fluoranthene	24.003	252	3333238	43.069	ng	98
90) Benzo(a)pyrene	24.833	252	3225491	49.082	ng	99
91) Dibenzo(a,h)anthracene	28.874	278	3639797	56.340	ng	98
92) Benzo(g,h,i)perylene	29.985	276	3456497	53.527	ng	97

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

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