Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020484.D
Acq On : 30 May 2024 13:48
Operator : MA/JU
Sample : PB160503BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 31 00:36:29 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 :
PB160503BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	322393	20.000	ng	-0.05
21) Naphthalene-d8	10.499	136	1171107	20.000	ng	-0.04
39) Acenaphthene-d10	14.369	164	642856	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1140759	20.000	ng	-0.01
76) Chrysene-d12	21.669	240	1111169	20.000	ng	0.00
86) Perylene-d12	25.027	264	1363474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2442315	135.637	ng	-0.04
7) Phenol-d6	6.893	99	2909958	114.595	ng	-0.04
23) Nitrobenzene-d5	8.881	82	1800382	84.154	ng	-0.04
42) 2,4,6-Tribromophenol	15.887	330	793795	118.981	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	3700989	85.823	ng	-0.03
79) Terphenyl-d14	19.945	244	4701201	70.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	283080	38.908	ng	98
3) Pyridine	3.693	79	716788	35.040	ng	97
4) n-Nitrosodimethylamine	3.605	42	424446	42.719	ng	98
6) Aniline	7.064	93	763382	29.668	ng	98
8) 2-Chlorophenol	7.287	128	856735	42.444	ng	98
9) Benzaldehyde	6.875	77	162213	9.959	ng	99
10) Phenol	6.917	94	1047901	40.287	ng	99
11) bis(2-Chloroethyl)ether	7.158	93	856234	39.916	ng	100
12) 1,3-Dichlorobenzene	7.611	146	991361	41.686	ng	99
13) 1,4-Dichlorobenzene	7.758	146	1009778	41.776	ng	99
14) 1,2-Dichlorobenzene	8.069	146	952120	40.816	ng	99
15) Benzyl Alcohol	7.958	79	724896	38.647	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1260101	39.347	ng	100
17) 2-Methylphenol	8.158	107	678516	38.440	ng	100
18) Hexachloroethane	8.799	117	363317	41.164	ng	95
19) n-Nitroso-di-n-propyla...	8.528	70	608351	35.093	ng	98
20) 3+4-Methylphenols	8.481	107	898428	37.422	ng	99
22) Acetophenone	8.540	105	1246145	42.868	ng	100
24) Nitrobenzene	8.916	77	895176	41.229	ng	100
25) Isophorone	9.434	82	1603660	38.580	ng	99
26) 2-Nitrophenol	9.622	139	340282	40.280	ng	98
27) 2,4-Dimethylphenol	9.675	122	568428	45.265	ng	98
28) bis(2-Chloroethoxy)met...	9.922	93	1033345	40.446	ng	100
29) 2,4-Dichlorophenol	10.140	162	704915	41.841	ng	97
30) 1,2,4-Trichlorobenzene	10.363	180	840002	41.999	ng	98
31) Naphthalene	10.546	128	2463177	41.143	ng	100
32) Benzoic acid	9.781	122	363367	32.960	ng	97
33) 4-Chloroaniline	10.658	127	439663	18.984	ng	99
34) Hexachlorobutadiene	10.834	225	526489	41.788	ng	99
35) Caprolactam	11.428	113	206875m	33.508	ng	
36) 4-Chloro-3-methylphenol	11.775	107	721102	36.557	ng	99
37) 2-Methylnaphthalene	12.169	142	1625461	37.890	ng	99
38) 1-Methylnaphthalene	12.375	142	1499768	35.267	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	869626	46.754	ng	99
41) Hexachlorocyclopentadiene	12.516	237	881068	134.784	ng	100
43) 2,4,6-Trichlorophenol	12.769	196	512129	45.550	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	551440	42.514	ng	99
46) 1,1'-Biphenyl	13.193	154	1996688	44.010	ng	99
47) 2-Chloronaphthalene	13.234	162	1558536	43.213	ng	100
48) 2-Nitroaniline	13.434	65	413498	42.310	ng	99
49) Acenaphthylene	14.081	152	2433440	45.470	ng	100
50) Dimethylphthalate	13.822	163	1768613	39.030	ng	99
51) 2,6-Dinitrotoluene	13.940	165	369488	38.148	ng	99
52) Acenaphthene	14.434	154	1358326	40.237	ng	100
53) 3-Nitroaniline	14.263	138	266490	27.429	ng	100
54) 2,4-Dinitrophenol	14.475	184	268452	65.952	ng	96
55) Dibenzofuran	14.781	168	2203989	41.214	ng	98
56) 4-Nitrophenol	14.569	139	626164	83.317	ng	94
57) 2,4-Dinitrotoluene	14.740	165	489678	38.470	ng	98
58) Fluorene	15.445	166	1684233	39.232	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.993	232	437003	41.169	ng	99
60) Diethylphthalate	15.222	149	1706122	37.038	ng	100
61) 4-Chlorophenyl-phenyle...	15.440	204	853180	38.513	ng	96
62) 4-Nitroaniline	15.457	138	360676	36.039	ng	96
63) Azobenzene	15.740	77	1667902	38.777	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	186297	38.616	ng	98
66) n-Nitrosodiphenylamine	15.657	169	1438722	45.873	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	506559	43.405	ng	99
68) Hexachlorobenzene	16.463	284	587400	42.766	ng	97
69) Atrazine	16.651	200	475977	43.137	ng	100
70) Pentachlorophenol	16.816	266	686894	82.341	ng	99
71) Phenanthrene	17.234	178	2478764	44.203	ng	98
72) Anthracene	17.328	178	2499191	45.419	ng	100
73) Carbazole	17.610	167	2272610	42.698	ng	99
74) Di-n-butylphthalate	18.222	149	2680303	41.584	ng	100
75) Fluoranthene	19.334	202	2825611	42.592	ng	99
77) Benzidine	19.534	184	638193	20.116	ng	100
78) Pyrene	19.716	202	2997518	35.864	ng	99
80) Butylbenzylphthalate	20.680	149	1188077	35.940	ng	96
81) Benzo(a)anthracene	21.645	228	3152514	43.088	ng	99
82) 3,3'-Dichlorobenzidine	21.575	252	973262	44.749	ng	99
83) Chrysene	21.716	228	3026955	43.906	ng	100
84) Bis(2-ethylhexyl)phtha...	21.610	149	1882910	39.584	ng	99
85) Di-n-octyl phthalate	22.916	149	3337233	48.270	ng	99
87) Indeno(1,2,3-cd)pyrene	28.862	276	4611776m	55.623	ng	
88) Benzo(b)fluoranthene	23.969	252	3540731	41.684	ng	100
89) Benzo(k)fluoranthene	24.039	252	3546385	42.807	ng	100
90) Benzo(a)pyrene	24.869	252	3399475	48.324	ng	100
91) Dibenzo(a,h)anthracene	28.962	278	3807235	55.053	ng	99
92) Benzo(g,h,i)perylene	30.039	276	3645404	52.737	ng	96

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

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