Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020586.D
Acq On : 11 Jun 2024 13:29
Operator : MA/JU
Sample : PB161393BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 11 13:58:39 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 :
PB161393BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	308742	20.000	ng		-0.01
21) Naphthalene-d8	10.522	136	1097687	20.000	ng		-0.01
39) Acenaphthene-d10	14.375	164	604431	20.000	ng		-0.02
64) Phenanthrene-d10	17.181	188	1125114	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1079785	20.000	ng		-0.03
86) Perylene-d12	24.998	264	1290688	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2261771	131.164	ng		0.00
7) Phenol-d6	6.946	99	2689458	110.595	ng		0.01
23) Nitrobenzene-d5	8.905	82	1698191	84.686	ng		-0.02
42) 2,4,6-Tribromophenol	15.898	330	947111	150.986	ng		-0.01
45) 2-Fluorobiphenyl	12.987	172	3559271	87.783	ng		-0.02
79) Terphenyl-d14	19.916	244	5042683	77.744	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	257363	36.938	ng		95
3) Pyridine	3.722	79	637644	32.549	ng		95
4) n-Nitrosodimethylamine	3.634	42	364754	38.334	ng		92
6) Aniline	7.099	93	568329	23.064	ng		99
8) 2-Chlorophenol	7.334	128	840301	43.471	ng		97
9) Benzaldehyde	6.922	77	466171m	29.885	ng		
10) Phenol	6.969	94	989349	39.718	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	810501	39.454	ng		97
12) 1,3-Dichlorobenzene	7.652	146	956286	41.989	ng		98
13) 1,4-Dichlorobenzene	7.793	146	987754	42.672	ng		98
14) 1,2-Dichlorobenzene	8.105	146	930310	41.644	ng		98
15) Benzyl Alcohol	8.005	79	702893	39.131	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	1105669	36.051	ng		98
17) 2-Methylphenol	8.193	107	653158	38.640	ng		98
18) Hexachloroethane	8.822	117	359352	42.515	ng		92
19) n-Nitroso-di-n-propyla...	8.563	70	577615	34.794	ng		96
20) 3+4-Methylphenols	8.516	107	868145	37.759	ng		98
22) Acetophenone	8.581	105	1188198	43.608	ng	#	97
24) Nitrobenzene	8.952	77	865921	42.549	ng		98
25) Isophorone	9.469	82	1543965	39.628	ng		99
26) 2-Nitrophenol	9.646	139	417652	51.572	ng		99
27) 2,4-Dimethylphenol	9.710	122	532566	45.246	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	964835	40.290	ng		100
29) 2,4-Dichlorophenol	10.175	162	717624	45.445	ng		97
30) 1,2,4-Trichlorobenzene	10.393	180	858628	45.801	ng		97
31) Naphthalene	10.569	128	2402812	42.819	ng		100
32) Benzoic acid	9.857	122	502364	45.363	ng		98
33) 4-Chloroaniline	10.687	127	374636	17.258	ng		98
34) Hexachlorobutadiene	10.846	225	550160	46.588	ng		98
35) Caprolactam	11.493	113	204678	35.369	ng		91
36) 4-Chloro-3-methylphenol	11.816	107	724311	39.176	ng		99
37) 2-Methylnaphthalene	12.187	142	1587976	39.492	ng		98
38) 1-Methylnaphthalene	12.398	142	1461896	36.676	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	905180	51.760	ng		99
41) Hexachlorocyclopentadiene	12.528	237	951457	154.805	ng		100
43) 2,4,6-Trichlorophenol	12.793	196	552780	52.292	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	583568	47.851	ng		96
46) 1,1'-Biphenyl	13.204	154	1995940	46.791	ng		98
47) 2-Chloronaphthalene	13.245	162	1550049	45.709	ng		99
48) 2-Nitroaniline	13.451	65	426521	46.417	ng		97
49) Acenaphthylene	14.092	152	2387225	47.443	ng		100
50) Dimethylphthalate	13.828	163	1762683	41.372	ng		100
51) 2,6-Dinitrotoluene	13.951	165	390485	42.878	ng		96
52) Acenaphthene	14.445	154	1346932	42.436	ng		99
53) 3-Nitroaniline	14.281	138	303706	33.247	ng		98
54) 2,4-Dinitrophenol	14.492	184	414948	94.983	ng		95
55) Dibenzofuran	14.787	168	2196973	43.695	ng		99
56) 4-Nitrophenol	14.598	139	675247	95.560	ng		94
57) 2,4-Dinitrotoluene	14.757	165	538406	44.987	ng		92
58) Fluorene	15.445	166	1664199	41.230	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	493608	49.458	ng		96
60) Diethylphthalate	15.222	149	1692765	39.085	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	876425	42.077	ng		99
62) 4-Nitroaniline	15.469	138	379606	40.342	ng		96
63) Azobenzene	15.739	77	1589309	39.299	ng		96
65) 4,6-Dinitro-2-methylph...	15.522	198	287184	56.047	ng		96
66) n-Nitrosodiphenylamine	15.657	169	1454788	47.030	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	549178	47.711	ng		97
68) Hexachlorobenzene	16.457	284	640088	47.250	ng		99
69) Atrazine	16.645	200	509014	46.773	ng		100
70) Pentachlorophenol	16.816	266	821175	99.806	ng		98
71) Phenanthrene	17.228	178	2567271	46.418	ng		99
72) Anthracene	17.322	178	2551702	47.018	ng		100
73) Carbazole	17.604	167	2362174	44.997	ng		99
74) Di-n-butylphthalate	18.192	149	2849665	44.826	ng		100
75) Fluoranthene	19.316	202	3036798	46.412	ng		99
77) Benzidine	19.527	184	303345m	12.890	ng		
78) Pyrene	19.698	202	3208630	39.506	ng		99
80) Butylbenzylphthalate	20.651	149	1349958	41.613	ng		94
81) Benzo(a)anthracene	21.622	228	3286840	46.230	ng		100
82) 3,3'-Dichlorobenzidine	21.545	252	939028	44.430	ng		99
83) Chrysene	21.686	228	3102519	46.311	ng		99
84) Bis(2-ethylhexyl)phtha...	21.569	149	1964369	42.497	ng	#	99
85) Di-n-octyl phthalate	22.857	149	3550221	52.843	ng		96
87) Indeno(1,2,3-cd)pyrene	28.815	276	4708563m	59.992	ng		
88) Benzo(b)fluoranthene	23.933	252	3568478	44.380	ng		99
89) Benzo(k)fluoranthene	24.010	252	3628662	46.270	ng		98
90) Benzo(a)pyrene	24.839	252	3449574	51.802	ng		98
91) Dibenzo(a,h)anthracene	28.909	278	3888640	59.401	ng		98
92) Benzo(g,h,i)perylene	29.998	276	3758633	57.441	ng		96

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

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