Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
Data File : BP020539.D
Acq On : 06 Jun 2024 12:57
Operator : MA/JU
Sample : PB161260BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 13:53:04 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 :
PB161260BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	384585	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1411599	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	751735	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1421156	20.000	ng		0.00
76) Chrysene-d12	21.645	240	1272675	20.000	ng		-0.02
86) Perylene-d12	25.004	264	1482068	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	3171565	147.654	ng		0.00
7) Phenol-d6	6.946	99	3890988	128.450	ng		0.01
23) Nitrobenzene-d5	8.910	82	2355680	91.350	ng		-0.01
42) 2,4,6-Tribromophenol	15.910	330	1304582	167.221	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	4891124	96.993	ng		0.00
79) Terphenyl-d14	19.922	244	6285659	82.220	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	322223	37.126	ng		95
3) Pyridine	3.717	79	746193	30.579	ng		94
4) n-Nitrosodimethylamine	3.634	42	494931	41.757	ng		93
6) Aniline	7.099	93	545936	17.786	ng		98
8) 2-Chlorophenol	7.340	128	1176413	48.857	ng		97
9) Benzaldehyde	6.928	77	12923m	0.665	ng		
10) Phenol	6.969	94	1402543	45.202	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	1104107	43.148	ng		97
12) 1,3-Dichlorobenzene	7.652	146	1293471	45.594	ng		100
13) 1,4-Dichlorobenzene	7.799	146	1325267	45.962	ng		98
14) 1,2-Dichlorobenzene	8.110	146	1259656	45.267	ng		98
15) Benzyl Alcohol	8.005	79	999958	44.690	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1510518	39.539	ng		97
17) 2-Methylphenol	8.193	107	930061	44.170	ng		99
18) Hexachloroethane	8.828	117	477987	45.398	ng		95
19) n-Nitroso-di-n-propyla...	8.563	70	796317	38.508	ng		97
20) 3+4-Methylphenols	8.522	107	1218386	42.542	ng		99
22) Acetophenone	8.575	105	1621580	46.279	ng	#	98
24) Nitrobenzene	8.952	77	1198513	45.795	ng		99
25) Isophorone	9.475	82	2142096	42.754	ng		98
26) 2-Nitrophenol	9.646	139	572782	54.748	ng		99
27) 2,4-Dimethylphenol	9.710	122	813771	53.762	ng		99
28) bis(2-Chloroethoxy)met...	9.952	93	1319797	42.857	ng		100
29) 2,4-Dichlorophenol	10.187	162	991475	48.824	ng		97
30) 1,2,4-Trichlorobenzene	10.387	180	1153965	47.867	ng		98
31) Naphthalene	10.581	128	3332478	46.180	ng		99
32) Benzoic acid	9.863	122	695633	48.321	ng		99
33) 4-Chloroaniline	10.687	127	536371	19.214	ng		98
34) Hexachlorobutadiene	10.857	225	742275	48.878	ng		99
35) Caprolactam	11.481	113	291191m	39.129	ng		
36) 4-Chloro-3-methylphenol	11.810	107	1004224	42.237	ng		96
37) 2-Methylnaphthalene	12.187	142	2160612	41.784	ng		99
38) 1-Methylnaphthalene	12.410	142	2045088	39.897	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	1221728	56.171	ng		99
41) Hexachlorocyclopentadiene	12.534	237	1242102	162.493	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	762042	57.962	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	787256	51.903	ng	97
46) 1,1'-Biphenyl	13.216	154	2696521	50.827	ng	98
47) 2-Chloronaphthalene	13.245	162	2096513	49.710	ng	100
48) 2-Nitroaniline	13.457	65	584759	51.168	ng	97
49) Acenaphthylene	14.110	152	3307557	52.852	ng	100
50) Dimethylphthalate	13.851	163	2405742	45.401	ng	99
51) 2,6-Dinitrotoluene	13.957	165	536011	47.325	ng	96
52) Acenaphthene	14.451	154	1859211	47.098	ng	100
53) 3-Nitroaniline	14.292	138	404027	35.563	ng	100
54) 2,4-Dinitrophenol	14.510	184	573760	102.475	ng	94
55) Dibenzofuran	14.792	168	2994196	47.882	ng	99
56) 4-Nitrophenol	14.610	139	894994	101.839	ng	94
57) 2,4-Dinitrotoluene	14.763	165	714499	48.002	ng	98
58) Fluorene	15.451	166	2296195	45.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	653429	52.642	ng	97
60) Diethylphthalate	15.240	149	2324660	43.157	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1187020	45.821	ng	99
62) 4-Nitroaniline	15.481	138	505358	43.182	ng	98
63) Azobenzene	15.757	77	2200686	43.754	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	369735	56.979	ng	95
66) n-Nitrosodiphenylamine	15.681	169	1989550	50.920	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	778975	53.577	ng	96
68) Hexachlorobenzene	16.475	284	867650	50.706	ng	97
69) Atrazine	16.645	200	374808	27.266	ng	99
70) Pentachlorophenol	16.834	266	1079747	103.896	ng	98
71) Phenanthrene	17.245	178	3469228	49.660	ng	99
72) Anthracene	17.328	178	3401875	49.625	ng	100
73) Carbazole	17.616	167	3049872	45.995	ng	100
74) Di-n-butylphthalate	18.222	149	3781895	47.098	ng	99
75) Fluoranthene	19.322	202	3850707	46.592	ng	99
77) Benzidine	19.528	184	672291	18.981	ng	99
78) Pyrene	19.704	202	3997172	41.755	ng	100
80) Butylbenzylphthalate	20.669	149	1652653	43.128	ng	91
81) Benzo(a)anthracene	21.622	228	4136386	49.361	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1291991	51.866	ng	100
83) Chrysene	21.704	228	3878982	49.125	ng	100
84) Bis(2-ethylhexyl)phtha...	21.580	149	2470078	45.338	ng	99
85) Di-n-octyl phthalate	22.880	149	4559678	57.582	ng	97
87) Indeno(1,2,3-cd)pyrene	28.827	276	5843985m	64.844	ng	
88) Benzo(b)fluoranthene	23.945	252	4531228	49.076	ng	99
89) Benzo(k)fluoranthene	24.015	252	4426550	49.155	ng	99
90) Benzo(a)pyrene	24.851	252	4252938	55.619	ng	100
91) Dibenzo(a,h)anthracene	28.915	278	4919767	65.448	ng	98
92) Benzo(g,h,i)perylene	30.003	276	4703033	62.593	ng	97

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

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