Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020558.D
Acq On : 07 Jun 2024 13:13
Operator : MA/JU
Sample : PB161307BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 14:07:36 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 :
PB161307BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

06/08/2024

Supervised By :mohammad ahmed

06/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	381624	20.000	ng		-0.01
21) Naphthalene-d8	10.534	136	1483458	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	804310	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1275307	20.000	ng		0.00
76) Chrysene-d12	21.668	240	1032793	20.000	ng		0.00
86) Perylene-d12	25.027	264	1343200	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2964274	139.074	ng		0.00
7) Phenol-d6	6.940	99	3673859	122.223	ng		0.00
23) Nitrobenzene-d5	8.910	82	2213399	81.675	ng		-0.01
42) 2,4,6-Tribromophenol	15.910	330	1112569	133.287	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	4614026	85.517	ng		0.00
79) Terphenyl-d14	19.933	244	4482385	72.250	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	292422	33.954	ng		95
3) Pyridine	3.716	79	739595	30.544	ng		94
4) n-Nitrosodimethylamine	3.628	42	445053	37.840	ng		91
6) Aniline	7.099	93	895079	29.387	ng		98
8) 2-Chlorophenol	7.334	128	1089434	45.596	ng		97
9) Benzaldehyde	6.916	77	141396m	7.333	ng		
10) Phenol	6.969	94	1316470	42.757	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	1007734	39.687	ng		99
12) 1,3-Dichlorobenzene	7.652	146	1175162	41.745	ng		98
13) 1,4-Dichlorobenzene	7.793	146	1194091	41.734	ng		99
14) 1,2-Dichlorobenzene	8.110	146	1143589	41.415	ng		97
15) Benzyl Alcohol	8.004	79	911653	41.060	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1388207	36.619	ng		97
17) 2-Methylphenol	8.193	107	872526	41.759	ng		98
18) Hexachloroethane	8.822	117	432145	41.363	ng		96
19) n-Nitroso-di-n-propyla...	8.563	70	746261	36.367	ng		96
20) 3+4-Methylphenols	8.516	107	1146746	40.351	ng		97
22) Acetophenone	8.575	105	1526399	41.453	ng	#	97
24) Nitrobenzene	8.951	77	1108547	40.306	ng		98
25) Isophorone	9.475	82	1974085	37.492	ng		99
26) 2-Nitrophenol	9.651	139	548590	50.231	ng		96
27) 2,4-Dimethylphenol	9.710	122	718725	45.183	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	1239724	38.307	ng		100
29) 2,4-Dichlorophenol	10.181	162	937594	43.934	ng		97
30) 1,2,4-Trichlorobenzene	10.393	180	1084505	42.806	ng		98
31) Naphthalene	10.581	128	3067774	40.452	ng		99
32) Benzoic acid	9.869	122	643366	43.347	ng		99
33) 4-Chloroaniline	10.693	127	462583	15.768	ng		99
34) Hexachlorobutadiene	10.863	225	679081	42.551	ng		98
35) Caprolactam	11.487	113	248547m	31.781	ng		
36) 4-Chloro-3-methylphenol	11.810	107	937888	37.536	ng		99
37) 2-Methylnaphthalene	12.192	142	2042351	37.584	ng		98
38) 1-Methylnaphthalene	12.410	142	1857755	34.487	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1149857	49.411	ng		99
41) Hexachlorocyclopentadiene	12.540	237	1257619	153.769	ng		100
43) 2,4,6-Trichlorophenol	12.798	196	714665	50.805	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	739460	45.565	ng	98
46) 1,1'-Biphenyl	13.216	154	2559167	45.085	ng	100
47) 2-Chloronaphthalene	13.257	162	1992205	44.149	ng	98
48) 2-Nitroaniline	13.457	65	517518	42.324	ng	97
49) Acenaphthylene	14.116	152	3019937	45.102	ng	100
50) Dimethylphthalate	13.851	163	2157747	38.059	ng	99
51) 2,6-Dinitrotoluene	13.957	165	479937	39.604	ng	93
52) Acenaphthene	14.457	154	1698887	40.223	ng	99
53) 3-Nitroaniline	14.292	138	317749	26.140	ng	99
54) 2,4-Dinitrophenol	14.510	184	471541	84.719	ng	94
55) Dibenzofuran	14.798	168	2716000	40.594	ng	98
56) 4-Nitrophenol	14.610	139	688510	73.223	ng	90
57) 2,4-Dinitrotoluene	14.769	165	603079	37.868	ng	91
58) Fluorene	15.457	166	2019917	37.606	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	581319	43.771	ng	97
60) Diethylphthalate	15.245	149	1983418	34.415	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1056143	38.104	ng	98
62) 4-Nitroaniline	15.481	138	384541	30.710	ng	98
63) Azobenzene	15.757	77	1878761	34.912	ng	96
65) 4,6-Dinitro-2-methylph...	15.533	198	295204	51.540	ng	99
66) n-Nitrosodiphenylamine	15.681	169	1729089	49.314	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	649188	49.757	ng	100
68) Hexachlorobenzene	16.475	284	726340	47.302	ng	99
69) Atrazine	16.663	200	521651	42.289	ng	99
70) Pentachlorophenol	16.833	266	843287	90.423	ng	99
71) Phenanthrene	17.239	178	2715574	43.317	ng	99
72) Anthracene	17.333	178	2710791	44.067	ng	100
73) Carbazole	17.616	167	2246175	37.749	ng	100
74) Di-n-butylphthalate	18.216	149	2734769	37.952	ng	100
75) Fluoranthene	19.327	202	2749648	37.075	ng	99
77) Benzidine	19.527	184	608719m	20.487	ng	
78) Pyrene	19.710	202	2826249	36.381	ng	99
80) Butylbenzylphthalate	20.680	149	1124895	36.566	ng	92
81) Benzo(a)anthracene	21.645	228	2933866	43.143	ng	99
82) 3,3'-Dichlorobenzidine	21.568	252	901344	44.588	ng	99
83) Chrysene	21.721	228	2797109	43.651	ng	100
84) Bis(2-ethylhexyl)phtha...	21.598	149	1713914	38.766	ng	98
85) Di-n-octyl phthalate	22.898	149	3215090	50.032	ng	97
87) Indeno(1,2,3-cd)pyrene	28.868	276	4510100m	55.217	ng	
88) Benzo(b)fluoranthene	23.974	252	3470895	41.479	ng	99
89) Benzo(k)fluoranthene	24.045	252	3304840	40.493	ng	99
90) Benzo(a)pyrene	24.886	252	3288406	47.451	ng	99
91) Dibenzo(a,h)anthracene	28.968	278	3727107	54.708	ng	98
92) Benzo(g,h,i)perylene	30.068	276	3587367	52.681	ng	97

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

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