Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052924\
Data File : BP020474.D
Acq On : 29 May 2024 13:38
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 30 02:38:19 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 02:29:32 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	334292	20.000	ng		0.00
21) Naphthalene-d8	10.528	136	1403987	20.000	ng		0.00
39) Acenaphthene-d10	14.386	164	923772	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1962518	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1544665	20.000	ng		-0.01
86) Perylene-d12	25.039	264	1406904	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1845525	98.845	ng		0.00
7) Phenol-d6	6.928	99	2593132	98.484	ng		0.00
23) Nitrobenzene-d5	8.910	82	2543596	99.172	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	1050265	109.551	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	5867245	94.682	ng		0.00
79) Terphenyl-d14	19.939	244	9032472	97.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	362045	47.990	ng		99
3) Pyridine	3.711	79	1058221m	49.882	ng		
4) n-Nitrosodimethylamine	3.634	42	507338	49.244	ng		98
6) Aniline	7.104	93	1324286	49.635	ng		99
8) 2-Chlorophenol	7.328	128	1022788	48.867	ng		99
9) Benzaldehyde	6.916	77	680675	40.301	ng		98
10) Phenol	6.952	94	1324045	49.092	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	1061674	47.731	ng		100
12) 1,3-Dichlorobenzene	7.646	146	1190597	48.281	ng		98
13) 1,4-Dichlorobenzene	7.799	146	1197565	47.782	ng		99
14) 1,2-Dichlorobenzene	8.110	146	1157832	47.868	ng		99
15) Benzyl Alcohol	7.993	79	965891	49.662	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1556014	46.857	ng		99
17) 2-Methylphenol	8.193	107	896693	48.992	ng		99
18) Hexachloroethane	8.834	117	446119	48.746	ng		97
19) n-Nitroso-di-n-propyla...	8.569	70	861449	47.925	ng		99
20) 3+4-Methylphenols	8.516	107	1233951	49.568	ng		99
22) Acetophenone	8.575	105	1676426	48.104	ng	#	99
24) Nitrobenzene	8.951	77	1273700	48.932	ng		99
25) Isophorone	9.469	82	2450767	49.180	ng		99
26) 2-Nitrophenol	9.651	139	504932	48.955	ng		99
27) 2,4-Dimethylphenol	9.704	122	747601	49.658	ng		98
28) bis(2-Chloroethoxy)met...	9.951	93	1484854	48.478	ng		100
29) 2,4-Dichlorophenol	10.175	162	1026597	50.828	ng		97
30) 1,2,4-Trichlorobenzene	10.393	180	1159194	48.344	ng		99
31) Naphthalene	10.581	128	3459651	48.202	ng		100
32) Benzoic acid	9.857	122	677447	47.312	ng		98
33) 4-Chloroaniline	10.693	127	1351043	48.660	ng		99
34) Hexachlorobutadiene	10.863	225	734690	48.641	ng		99
35) Caprolactam	11.487	113	380740	51.435	ng		97
36) 4-Chloro-3-methylphenol	11.810	107	1180295	49.911	ng		100
37) 2-Methylnaphthalene	12.192	142	2432295	47.293	ng		99
38) 1-Methylnaphthalene	12.422	142	2424025	47.546	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	1299103	48.605	ng		100
41) Hexachlorocyclopentadiene	12.534	237	483032	51.423	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	844702	52.284	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	948226	50.873	ng	99
46) 1,1'-Biphenyl	13.216	154	3129387	48.001	ng	99
47) 2-Chloronaphthalene	13.257	162	2481723	47.885	ng	99
48) 2-Nitroaniline	13.463	65	756336	53.856	ng	99
49) Acenaphthylene	14.104	152	3757660	48.862	ng	100
50) Dimethylphthalate	13.857	163	3204881	49.218	ng	100
51) 2,6-Dinitrotoluene	13.969	165	714092	51.306	ng	99
52) Acenaphthene	14.457	154	2370642m	48.870	ng	
53) 3-Nitroaniline	14.304	138	726406	52.031	ng	99
54) 2,4-Dinitrophenol	14.492	184	261577	49.222	ng	97
55) Dibenzofuran	14.792	168	3671020	47.772	ng	100
56) 4-Nitrophenol	14.598	139	592791	54.891	ng	98
57) 2,4-Dinitrotoluene	14.757	165	981435	53.656	ng	97
58) Fluorene	15.457	166	2928373	47.469	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	798406	52.343	ng	99
60) Diethylphthalate	15.233	149	3287749	49.669	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1504657	47.266	ng	98
62) 4-Nitroaniline	15.480	138	759025	52.779	ng	99
63) Azobenzene	15.763	77	2944228	47.635	ng	97
65) 4,6-Dinitro-2-methylph...	15.533	198	416966	47.935	ng	98
66) n-Nitrosodiphenylamine	15.675	169	2582070	47.855	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	968096	48.217	ng	99
68) Hexachlorobenzene	16.480	284	1148030	48.584	ng	98
69) Atrazine	16.651	200	915849	48.247	ng	99
70) Pentachlorophenol	16.833	266	736119	51.292	ng	99
71) Phenanthrene	17.251	178	4601429	47.697	ng	100
72) Anthracene	17.339	178	4522832	47.778	ng	100
73) Carbazole	17.616	167	4503479	49.182	ng	100
74) Di-n-butylphthalate	18.227	149	5633750	50.806	ng	100
75) Fluoranthene	19.333	202	5648198	49.489	ng	99
77) Benzidine	19.545	184	2822461	50.974	ng	100
78) Pyrene	19.716	202	5692994	48.999	ng	100
80) Butylbenzylphthalate	20.680	149	2322806	49.559	ng	96
81) Benzo(a)anthracene	21.639	228	4980785	48.972	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	1678914	55.530	ng	100
83) Chrysene	21.710	228	4604426	48.045	ng	100
84) Bis(2-ethylhexyl)phtha...	21.610	149	3408523	51.547	ng	98
85) Di-n-octyl phthalate	22.915	149	4891798	53.922	ng	99
87) Indeno(1,2,3-cd)pyrene	28.868	276	4475896m	52.337	ng	
88) Benzo(b)fluoranthene	23.968	252	4275396	48.779	ng	99
89) Benzo(k)fluoranthene	24.051	252	4232267	49.509	ng	99
90) Benzo(a)pyrene	24.868	252	3658905	50.407	ng	99
91) Dibenzo(a,h)anthracene	28.950	278	3734715	52.337	ng	98
92) Benzo(g,h,i)perylene	30.039	276	3724873	52.223	ng	100

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

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