Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
Data File : BP020442.D
Acq On : 22 May 2024 19:22
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 23 02:06:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 01:51:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	144535	20.000	ng		0.00
21) Naphthalene-d8	10.322	136	593087	20.000	ng		0.00
39) Acenaphthene-d10	14.228	164	397837	20.000	ng		0.00
64) Phenanthrene-d10	17.075	188	819026	20.000	ng		0.00
76) Chrysene-d12	21.533	240	577241	20.000	ng		-0.02
86) Perylene-d12	24.851	264	651998	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	978658	124.994	ng		0.00
7) Phenol-d6	6.752	99	1421690	129.696	ng		0.00
23) Nitrobenzene-d5	8.722	82	1524151	122.957	ng		0.00
42) 2,4,6-Tribromophenol	15.769	330	665009	128.652	ng		-0.01
45) 2-Fluorobiphenyl	12.828	172	3420746	118.827	ng		0.00
79) Terphenyl-d14	19.833	244	4451789	131.947	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	189975	55.474	ng		99
3) Pyridine	3.570	79	545250m	64.565	ng		
4) n-Nitrosodimethylamine	3.493	42	259970	63.412	ng		98
6) Aniline	6.905	93	684681	65.751	ng		98
8) 2-Chlorophenol	7.128	128	547179	62.291	ng		98
9) Benzaldehyde	6.728	77	327350	52.875	ng		97
10) Phenol	6.775	94	716453	64.850	ng		98
11) bis(2-Chloroethyl)ether	7.005	93	542569	61.668	ng		98
12) 1,3-Dichlorobenzene	7.440	146	626415	59.329	ng		98
13) 1,4-Dichlorobenzene	7.587	146	643348	59.438	ng		99
14) 1,2-Dichlorobenzene	7.893	146	627380	60.554	ng		99
15) Benzyl Alcohol	7.811	79	603636	66.639	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.087	45	594696	59.036	ng		99
17) 2-Methylphenol	8.005	107	488418	66.430	ng		98
18) Hexachloroethane	8.599	117	242573	58.990	ng		98
19) n-Nitroso-di-n-propyla...	8.369	70	485421	64.745	ng		98
20) 3+4-Methylphenols	8.334	107	678766	67.034	ng		99
22) Acetophenone	8.387	105	939732	62.095	ng	#	99
24) Nitrobenzene	8.763	77	754109	61.762	ng		96
25) Isophorone	9.287	82	1312268	63.803	ng		99
26) 2-Nitrophenol	9.457	139	330910	65.814	ng		98
27) 2,4-Dimethylphenol	9.522	122	376855	64.477	ng		98
28) bis(2-Chloroethoxy)met...	9.763	93	738772	62.146	ng		99
29) 2,4-Dichlorophenol	9.993	162	569916	65.015	ng		99
30) 1,2,4-Trichlorobenzene	10.187	180	652069	59.614	ng		99
31) Naphthalene	10.375	128	1816007	60.656	ng		99
32) Benzoic acid	9.752	122	447200	63.600	ng		99
33) 4-Chloroaniline	10.516	127	693618	68.420	ng		99
34) Hexachlorobutadiene	10.634	225	442061	57.400	ng		98
35) Caprolactam	11.357	113	178743m	71.980	ng		
36) 4-Chloro-3-methylphenol	11.646	107	683864	67.483	ng		98
37) 2-Methylnaphthalene	11.999	142	1273667	62.061	ng		99
38) 1-Methylnaphthalene	12.228	142	1252199	61.527	ng		100
40) 1,2,4,5-Tetrachloroben...	12.369	216	755481	58.439	ng		99
41) Hexachlorocyclopentadiene	12.328	237	254711	57.092	ng		98
43) 2,4,6-Trichlorophenol	12.634	196	503278	63.983	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.710	196	549295	63.574	ng	98
46) 1,1'-Biphenyl	13.040	154	1677178	59.833	ng	98
47) 2-Chloronaphthalene	13.081	162	1346637	59.786	ng	98
48) 2-Nitroaniline	13.322	65	447339	67.181	ng	100
49) Acenaphthylene	13.951	152	1987513	62.402	ng	99
50) Dimethylphthalate	13.704	163	1690910	62.018	ng	98
51) 2,6-Dinitrotoluene	13.834	165	396841	64.888	ng	96
52) Acenaphthene	14.298	154	1225747	60.466	ng	98
53) 3-Nitroaniline	14.175	138	368349	70.048	ng	97
54) 2,4-Dinitrophenol	14.398	184	235875	63.834	ng	99
55) Dibenzofuran	14.645	168	2001509	61.191	ng	99
56) 4-Nitrophenol	14.510	139	277360	77.826	ng	90
57) 2,4-Dinitrotoluene	14.645	165	551026	67.618	ng	97
58) Fluorene	15.310	166	1650342	62.143	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.881	232	469475	62.337	ng	99
60) Diethylphthalate	15.104	149	1704525	63.624	ng	99
61) 4-Chlorophenyl-phenyle...	15.310	204	894840	61.364	ng	99
62) 4-Nitroaniline	15.381	138	333764	69.847	ng	98
63) Azobenzene	15.616	77	1576217	60.786	ng	98
65) 4,6-Dinitro-2-methylph...	15.434	198	331311	61.181	ng	96
66) n-Nitrosodiphenylamine	15.540	169	1376978	60.855	ng	98
67) 4-Bromophenyl-phenylether	16.240	248	561112	60.712	ng	95
68) Hexachlorobenzene	16.339	284	648734	59.398	ng	97
69) Atrazine	16.545	200	365949	55.468	ng	99
70) Pentachlorophenol	16.710	266	413338	66.772	ng	99
71) Phenanthrene	17.122	178	2394005	60.639	ng	99
72) Anthracene	17.210	178	2370873	61.196	ng	99
73) Carbazole	17.504	167	2106836	60.782	ng	99
74) Di-n-butylphthalate	18.098	149	2585371	62.141	ng	100
75) Fluoranthene	19.216	202	2631043	57.209	ng	98
77) Benzidine	19.445	184	491144	60.642	ng	99
78) Pyrene	19.598	202	2683141	68.695	ng	99
80) Butylbenzylphthalate	20.575	149	888350	63.750	ng	96
81) Benzo(a)anthracene	21.516	228	2214645	61.436	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	735819	59.877	ng	99
83) Chrysene	21.586	228	2127071	59.966	ng	100
84) Bis(2-ethylhexyl)phtha...	21.469	149	1181750	58.539	ng	99
85) Di-n-octyl phthalate	22.739	149	1937190	57.664	ng	99
87) Indeno(1,2,3-cd)pyrene	28.592	276	2738372m	61.643	ng	
88) Benzo(b)fluoranthene	23.798	252	2293443	61.565	ng	99
89) Benzo(k)fluoranthene	23.874	252	2193272	59.543	ng	99
90) Benzo(a)pyrene	24.686	252	2034839	61.694	ng	99
91) Dibenzo(a,h)anthracene	28.662	278	2283410	62.310	ng	99
92) Benzo(g,h,i)perylene	29.768	276	2337578	62.193	ng	99

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

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