Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
Data File : BP020441.D
Acq On : 22 May 2024 18:36
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 23 02:05:36 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 :
SSTDICC050

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	167354	20.000	ng		0.00
21) Naphthalene-d8	10.328	136	699581	20.000	ng		0.00
39) Acenaphthene-d10	14.228	164	465930	20.000	ng		0.00
64) Phenanthrene-d10	17.057	188	960360	20.000	ng		-0.02
76) Chrysene-d12	21.545	240	638804	20.000	ng		0.00
86) Perylene-d12	24.851	264	697394	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	887562	97.902	ng		0.00
7) Phenol-d6	6.752	99	1268605	99.951	ng		0.00
23) Nitrobenzene-d5	8.722	82	1429601	97.774	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	628420	103.806	ng		-0.02
45) 2-Fluorobiphenyl	12.828	172	3288263	97.531	ng		0.00
79) Terphenyl-d14	19.827	244	4298777	115.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	172490	43.500	ng		98
3) Pyridine	3.569	79	483466m	49.443	ng		
4) n-Nitrosodimethylamine	3.493	42	229887	48.428	ng		99
6) Aniline	6.910	93	615616	51.058	ng		99
8) 2-Chlorophenol	7.128	128	502769	49.432	ng		98
9) Benzaldehyde	6.734	77	318904	44.487	ng		98
10) Phenol	6.775	94	640990	50.109	ng		99
11) bis(2-Chloroethyl)ether	7.010	93	517206	50.770	ng		98
12) 1,3-Dichlorobenzene	7.440	146	588305	48.122	ng		99
13) 1,4-Dichlorobenzene	7.587	146	600203	47.891	ng		99
14) 1,2-Dichlorobenzene	7.899	146	585085	48.772	ng		99
15) Benzyl Alcohol	7.810	79	549956	52.435	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.075	45	582258	49.920	ng		99
17) 2-Methylphenol	8.005	107	443001	52.037	ng		98
18) Hexachloroethane	8.599	117	236805	49.735	ng		94
19) n-Nitroso-di-n-propyla...	8.369	70	458377	52.802	ng		99
20) 3+4-Methylphenols	8.334	107	621576	53.016	ng		97
22) Acetophenone	8.387	105	871519	48.822	ng	#	99
24) Nitrobenzene	8.763	77	698325	48.487	ng		97
25) Isophorone	9.281	82	1241281	51.165	ng		100
26) 2-Nitrophenol	9.457	139	304764	51.387	ng		99
27) 2,4-Dimethylphenol	9.522	122	348681	50.576	ng		97
28) bis(2-Chloroethoxy)met...	9.763	93	713904	50.912	ng		99
29) 2,4-Dichlorophenol	9.993	162	529419	51.202	ng		97
30) 1,2,4-Trichlorobenzene	10.193	180	618286	47.921	ng		98
31) Naphthalene	10.375	128	1708991	48.393	ng		100
32) Benzoic acid	9.746	122	398550	49.436	ng		99
33) 4-Chloroaniline	10.516	127	622521	52.059	ng		98
34) Hexachlorobutadiene	10.634	225	439700	48.403	ng		99
35) Caprolactam	11.351	113	158453	54.095	ng		98
36) 4-Chloro-3-methylphenol	11.646	107	613593	51.332	ng		98
37) 2-Methylnaphthalene	12.004	142	1212882	50.103	ng		100
38) 1-Methylnaphthalene	12.222	142	1195828	49.813	ng		99
40) 1,2,4,5-Tetrachloroben...	12.369	216	725659	47.929	ng		99
41) Hexachlorocyclopentadiene	12.334	237	247386	48.283	ng		99
43) 2,4,6-Trichlorophenol	12.634	196	468970	50.908	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.716	196	509546	50.355	ng		98
46) 1,1'-Biphenyl	13.040	154	1576073	48.009	ng		99
47) 2-Chloronaphthalene	13.081	162	1262197	47.848	ng		99
48) 2-Nitroaniline	13.322	65	401650	51.504	ng		97
49) Acenaphthylene	13.945	152	1834714	49.186	ng		99
50) Dimethylphthalate	13.698	163	1593756	49.912	ng		99
51) 2,6-Dinitrotoluene	13.834	165	365442	51.021	ng		90
52) Acenaphthene	14.298	154	1165340	49.085	ng		100
53) 3-Nitroaniline	14.175	138	325622	52.873	ng		99
54) 2,4-Dinitrophenol	14.398	184	214746	50.566	ng		98
55) Dibenzofuran	14.639	168	1869983	48.815	ng		99
56) 4-Nitrophenol	14.504	139	242093	58.003	ng		97
57) 2,4-Dinitrotoluene	14.651	165	499832	52.372	ng		90
58) Fluorene	15.310	166	1535466	49.368	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.881	232	440254	49.914	ng		100
60) Diethylphthalate	15.098	149	1630576	51.969	ng		99
61) 4-Chlorophenyl-phenyle...	15.310	204	856173	50.132	ng		99
62) 4-Nitroaniline	15.381	138	298191	53.283	ng		99
63) Azobenzene	15.610	77	1528919	50.345	ng		98
65) 4,6-Dinitro-2-methylph...	15.428	198	305680	48.993	ng		100
66) n-Nitrosodiphenylamine	15.539	169	1293629	48.757	ng		99
67) 4-Bromophenyl-phenylether	16.228	248	540135	49.842	ng		99
68) Hexachlorobenzene	16.333	284	626211	48.898	ng		99
69) Atrazine	16.539	200	376914	48.722	ng		99
70) Pentachlorophenol	16.698	266	377413	51.996	ng		99
71) Phenanthrene	17.104	178	2246896	48.537	ng		100
72) Anthracene	17.204	178	2211727	48.687	ng		99
73) Carbazole	17.498	167	1926654	47.403	ng		99
74) Di-n-butylphthalate	18.092	149	2642249	54.162	ng		99
75) Fluoranthene	19.222	202	2420154	44.879	ng		99
77) Benzidine	19.445	184	364194	40.633	ng		99
78) Pyrene	19.598	202	2456379	56.829	ng		99
80) Butylbenzylphthalate	20.574	149	879481	57.031	ng		100
81) Benzo(a)anthracene	21.521	228	1996835	50.056	ng		99
82) 3,3'-Dichlorobenzidine	21.468	252	637769	46.897	ng		100
83) Chrysene	21.598	228	1904854	48.526	ng		100
84) Bis(2-ethylhexyl)phtha...	21.480	149	1242083	55.598	ng		99
85) Di-n-octyl phthalate	22.745	149	1936307	52.083	ng		100
87) Indeno(1,2,3-cd)pyrene	28.603	276	2325180	48.935	ng	#	92
88) Benzo(b)fluoranthene	23.804	252	1998174	50.147	ng		99
89) Benzo(k)fluoranthene	23.874	252	1926609	48.899	ng		100
90) Benzo(a)pyrene	24.692	252	1768402	50.126	ng		98
91) Dibenzo(a,h)anthracene	28.668	278	1919212	48.963	ng		99
92) Benzo(g,h,i)perylene	29.750	276	1963732	48.846	ng		99

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

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