Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007842.D
Acq On : 04 Nov 2021 11:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 07 11:10:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	227286	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	947008	20.000	ng		-0.01
39) Acenaphthene-d10	14.557	164	659565	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	1472521	20.000	ng		-0.01
76) Chrysene-d12	21.410	240	1613003	20.000	ng		0.00
86) Perylene-d12	23.845	264	1839029	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1131147	84.402	ng		-0.01
7) Phenol-d6	7.087	99	1623538	83.697	ng		0.00
23) Nitrobenzene-d5	9.075	82	1425428	80.855	ng		-0.01
42) 2,4,6-Tribromophenol	16.051	330	779598	82.822	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	3525851	77.848	ng		-0.01
79) Terphenyl-d14	19.875	244	6196980	78.232	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	205838	44.598	ng		97
3) Pyridine	3.781	79	622263	41.848	ng		95
4) n-Nitrosodimethylamine	3.687	42	260990	41.041	ng	#	89
6) Aniline	7.240	93	919498	42.085	ng		98
8) 2-Chlorophenol	7.481	128	616721	41.758	ng		97
9) Benzaldehyde	7.052	77	421551	39.966	ng		97
10) Phenol	7.116	94	785147	42.387	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	610980	41.322	ng		96
12) 1,3-Dichlorobenzene	7.805	146	648297	39.469	ng		98
13) 1,4-Dichlorobenzene	7.952	146	660994	39.385	ng		98
14) 1,2-Dichlorobenzene	8.269	146	643673	39.687	ng		99
15) Benzyl Alcohol	8.157	79	600178	40.868	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	681456	39.318	ng		97
17) 2-Methylphenol	8.363	107	518795	40.502	ng		99
18) Hexachloroethane	8.999	117	235010	40.494	ng		95
19) n-Nitroso-di-n-propyla...	8.728	70	468707	39.482	ng		94
20) 3+4-Methylphenols	8.693	107	734244	40.749	ng		99
22) Acetophenone	8.740	105	943993	39.561	ng		98
24) Nitrobenzene	9.116	77	674032	40.178	ng		97
25) Isophorone	9.652	82	1297202	40.488	ng		98
26) 2-Nitrophenol	9.828	139	353881	41.652	ng		96
27) 2,4-Dimethylphenol	9.899	122	522351	40.007	ng		96
28) bis(2-Chloroethoxy)met...	10.128	93	816232	38.607	ng		99
29) 2,4-Dichlorophenol	10.369	162	632080	40.265	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	683518	39.150	ng		99
31) Naphthalene	10.769	128	1889147	39.435	ng		99
32) Benzoic acid	10.069	122	475114	42.214	ng		99
33) 4-Chloroaniline	10.875	127	838946	39.757	ng		99
34) Hexachlorobutadiene	11.063	225	449788	39.239	ng		99
35) Caprolactam	11.681	113	223482	40.785	ng		91
36) 4-Chloro-3-methylphenol	12.010	107	705469	39.782	ng		100
37) 2-Methylnaphthalene	12.381	142	1383063	39.140	ng		99
38) 1-Methylnaphthalene	12.598	142	1355470	39.150	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	814848	39.410	ng		99
41) Hexachlorocyclopentadiene	12.734	237	399179	36.047	ng		99
43) 2,4,6-Trichlorophenol	12.987	196	586675	40.623	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	626898	40.073	ng		97
46)	1,1'-Biphenyl	13.392	154	1885810	39.599	ng		99
47)	2-Chloronaphthalene	13.428	162	1466085	39.616	ng		99
48)	2-Nitroaniline	13.634	65	446442	41.926	ng		95
49)	Acenaphthylene	14.275	152	2354868	40.518	ng		99
50)	Dimethylphthalate	14.022	163	1990615	39.103	ng		99
51)	2,6-Dinitrotoluene	14.134	165	425676	40.433	ng		95
52)	Acenaphthene	14.622	154	1395517	39.758	ng		99
53)	3-Nitroaniline	14.463	138	463367	41.255	ng	#	93
54)	2,4-Dinitrophenol	14.669	184	267642	41.354	ng		92
55)	Dibenzofuran	14.957	168	2338878	39.390	ng		100
56)	4-Nitrophenol	14.775	139	390789	40.964	ng		93
57)	2,4-Dinitrotoluene	14.922	165	597023	41.193	ng		92
58)	Fluorene	15.604	166	1800598	39.980	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.187	232	572545m	40.656	ng		
60)	Diethylphthalate	15.381	149	2017526	40.821	ng		99
61)	4-Chlorophenyl-phenyle...	15.598	204	977162	39.723	ng		99
62)	4-Nitroaniline	15.628	138	487968	42.777	ng		97
63)	Azobenzene	15.892	77	1749854	41.948	ng		99
65)	4,6-Dinitro-2-methylph...	15.692	198	398020	41.280	ng		91
66)	n-Nitrosodiphenylamine	15.816	169	1658736	39.568	ng		99
67)	4-Bromophenyl-phenylether	16.498	248	645101	39.573	ng		99
68)	Hexachlorobenzene	16.622	284	713591	39.229	ng		94
69)	Atrazine	16.781	200	643545	40.090	ng		98
70)	Pentachlorophenol	16.963	266	464695	39.719	ng		96
71)	Phenanthrene	17.357	178	3042904	39.309	ng		99
72)	Anthracene	17.445	178	3033315	39.818	ng		100
73)	Carbazole	17.716	167	2989894	39.484	ng		99
74)	Di-n-butylphthalate	18.275	149	3570664	41.403	ng		99
75)	Fluoranthene	19.322	202	3829332	39.215	ng		99
77)	Benzidine	19.498	184	1823487	44.856	ng		99
78)	Pyrene	19.674	202	3913781	39.560	ng		99
80)	Butylbenzylphthalate	20.551	149	1782212	42.863	ng		98
81)	Benzo(a)anthracene	21.392	228	4173822	39.277	ng		99
82)	3,3'-Dichlorobenzidine	21.321	252	1466241	41.090	ng		99
83)	Chrysene	21.445	228	3974806	39.511	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.321	149	2524712	42.338	ng	#	98
85)	Di-n-octyl phthalate	22.257	149	4664706	43.485	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.398	276	5444384	39.717	ng		96
88)	Benzo(b)fluoranthene	23.104	252	4392338	40.518	ng		98
89)	Benzo(k)fluoranthene	23.151	252	4152619	38.596	ng		99
90)	Benzo(a)pyrene	23.733	252	3698534	39.402	ng		98
91)	Dibenzo(a,h)anthracene	26.415	278	4501493	39.619	ng		98
92)	Benzo(g,h,i)perylene	27.180	276	4427202	39.278	ng		98

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

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