Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
Data File : BP011576.D
Acq On : 26 Aug 2022 12:49
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 14:01:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 13:57:47 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.546	152	88958	20.000	ng		0.00
21) Naphthalene-d8	10.334	136	400313	20.000	ng		0.00
39) Acenaphthene-d10	14.222	164	265003	20.000	ng		0.00
64) Phenanthrene-d10	16.992	188	578885	20.000	ng		0.00
76) Chrysene-d12	21.121	240	599361	20.000	ng		0.00
86) Perylene-d12	23.404	264	592567	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.146	112	429634	76.540	ng		0.00
7) Phenol-d6	6.740	99	588437	81.944	ng		0.00
23) Nitrobenzene-d5	8.716	82	678585	92.796	ng		0.00
42) 2,4,6-Tribromophenol	15.728	330	241556	86.698	ng		0.00
45) 2-Fluorobiphenyl	12.834	172	1358393	79.217	ng		0.00
79) Terphenyl-d14	19.592	244	2436880	86.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	105131	42.028	ng		90
3) Pyridine	3.487	79	286620	43.015	ng		94
4) n-Nitrosodimethylamine	3.405	42	171753	59.973	ng		97
6) Aniline	6.887	93	348725	42.983	ng		98
8) 2-Chlorophenol	7.116	128	243431	40.991	ng		96
9) Benzaldehyde	6.705	77	176118	45.969	ng		99
10) Phenol	6.763	94	309524	42.139	ng		98
11) bis(2-Chloroethyl)ether	6.993	93	239229	41.153	ng		96
12) 1,3-Dichlorobenzene	7.434	146	257208	39.472	ng		99
13) 1,4-Dichlorobenzene	7.581	146	262121	39.589	ng		98
14) 1,2-Dichlorobenzene	7.893	146	254247	40.958	ng		97
15) Benzyl Alcohol	7.805	79	249273	51.073	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.087	45	363142	45.204	ng		95
17) 2-Methylphenol	8.005	107	218449	45.151	ng		97
18) Hexachloroethane	8.610	117	112407	46.953	ng	#	87
19) n-Nitroso-di-n-propyla...	8.369	70	225934	53.417	ng		98
20) 3+4-Methylphenols	8.334	107	306225	45.985	ng		99
22) Acetophenone	8.381	105	428183	43.666	ng		97
24) Nitrobenzene	8.757	77	342772	46.281	ng		96
25) Isophorone	9.281	82	589805	46.513	ng		98
26) 2-Nitrophenol	9.457	139	138906	41.476	ng		95
27) 2,4-Dimethylphenol	9.528	122	209837	40.462	ng		98
28) bis(2-Chloroethoxy)met...	9.769	93	317986	41.518	ng		99
29) 2,4-Dichlorophenol	9.993	162	232838	41.281	ng		99
30) 1,2,4-Trichlorobenzene	10.199	180	235011	38.456	ng	#	96
31) Naphthalene	10.381	128	852299	40.063	ng		99
32) Benzoic acid	9.704	122	193971	46.347	ng		98
33) 4-Chloroaniline	10.510	127	364547	45.818	ng		99
34) Hexachlorobutadiene	10.663	225	148739	43.343	ng		97
35) Caprolactam	11.340	113	94691	48.835	ng	#	80
36) 4-Chloro-3-methylphenol	11.651	107	314520	49.696	ng		96
37) 2-Methylnaphthalene	12.010	142	598584	42.834	ng	#	96
38) 1-Methylnaphthalene	12.234	142	584863m	43.209	ng		
40) 1,2,4,5-Tetrachloroben...	12.381	216	256122	36.500	ng	#	93
41) Hexachlorocyclopentadiene	12.357	237	126155	32.724	ng		95
43) 2,4,6-Trichlorophenol	12.640	196	191222	38.607	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.710	196	216887	40.109	ng	#	89
46) 1,1'-Biphenyl	13.045	154	772468	38.883	ng		100
47) 2-Chloronaphthalene	13.081	162	587027	38.770	ng		93
48) 2-Nitroaniline	13.310	65	252233	51.346	ng		98
49) Acenaphthylene	13.940	152	1004225	40.748	ng		99
50) Dimethylphthalate	13.698	163	844047	44.616	ng		99
51) 2,6-Dinitrotoluene	13.816	165	177407	44.991	ng	#	80
52) Acenaphthene	14.287	154	604571	40.632	ng		95
53) 3-Nitroaniline	14.151	138	206890	48.954	ng		99
54) 2,4-Dinitrophenol	14.363	184	105569	48.707	ng	#	80
55) Dibenzofuran	14.628	168	938379	41.079	ng	#	90
56) 4-Nitrophenol	14.469	139	170696	43.702	ng		90
57) 2,4-Dinitrotoluene	14.616	165	256698	48.581	ng	#	74
58) Fluorene	15.281	166	803583	43.391	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.857	232	194657	42.519	ng	#	74
60) Diethylphthalate	15.075	149	962309	48.789	ng		96
61) 4-Chlorophenyl-phenyle...	15.281	204	350930	42.427	ng	#	81
62) 4-Nitroaniline	15.328	138	211515	47.678	ng	#	85
63) Azobenzene	15.575	77	1000826	52.465	ng		96
65) 4,6-Dinitro-2-methylph...	15.381	198	141281	45.033	ng		80
66) n-Nitrosodiphenylamine	15.504	169	693755	39.769	ng		98
67) 4-Bromophenyl-phenylether	16.181	248	214564	38.170	ng	#	77
68) Hexachlorobenzene	16.281	284	245923	38.513	ng	#	83
69) Atrazine	16.481	200	242501	45.177	ng		94
70) Pentachlorophenol	16.639	266	163134	39.429	ng		98
71) Phenanthrene	17.033	178	1300529	40.758	ng		99
72) Anthracene	17.128	178	1273585	41.361	ng		98
73) Carbazole	17.410	167	1219203	41.377	ng		97
74) Di-n-butylphthalate	17.980	149	1757465	45.691	ng		99
75) Fluoranthene	19.027	202	1514910	42.430	ng		97
77) Benzidine	19.222	184	608669	83.746	ng		98
78) Pyrene	19.380	202	1571544	38.639	ng		98
80) Butylbenzylphthalate	20.280	149	863797	44.170	ng		94
81) Benzo(a)anthracene	21.104	228	1594365	40.327	ng		98
82) 3,3'-Dichlorobenzidine	21.051	252	543994	47.643	ng	#	99
83) Chrysene	21.157	228	1519330	40.551	ng		98
84) Bis(2-ethylhexyl)phtha...	21.045	149	1316816	46.837	ng	#	94
85) Di-n-octyl phthalate	21.939	149	2176159	45.823	ng		98
87) Indeno(1,2,3-cd)pyrene	25.774	276	1622987	36.591	ng		96
88) Benzo(b)fluoranthene	22.716	252	1468408m	40.205	ng		
89) Benzo(k)fluoranthene	22.763	252	1563708	43.185	ng		98
90) Benzo(a)pyrene	23.304	252	1248933	40.608	ng	#	97
91) Dibenzo(a,h)anthracene	25.786	278	1387583	37.561	ng		97
92) Benzo(g,h,i)perylene	26.486	276	1174992	32.014	ng	#	95

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

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