Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035170.D
Acq On : 20 May 2022 10:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 04:15:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	158522	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	626326	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	388090	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	752984	20.000	ng		0.00
76) Chrysene-d12	21.474	240	664710	20.000	ng	#	0.00
86) Perylene-d12	23.862	264	659548	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	726283	80.829	ng		0.00
7) Phenol-d6	7.075	99	982114	84.668	ng		0.00
23) Nitrobenzene-d5	9.069	82	1001302	86.332	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	406637	96.322	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	2378173	88.957	ng		0.00
79) Terphenyl-d14	19.915	244	3081388	89.757	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	135655	37.312	ng		99
3) Pyridine	3.781	79	379122	37.427	ng		95
4) n-Nitrosodimethylamine	3.687	42	199232	39.891	ng		96
6) Aniline	7.234	93	540739	40.583	ng		99
8) 2-Chlorophenol	7.469	128	415011	41.499	ng		98
9) Benzaldehyde	7.040	77	247554	32.790	ng		99
10) Phenol	7.104	94	476668	40.181	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	371260	41.571	ng		98
12) 1,3-Dichlorobenzene	7.798	146	461914	40.776	ng		98
13) 1,4-Dichlorobenzene	7.940	146	470693	40.599	ng		99
14) 1,2-Dichlorobenzene	8.257	146	459339	41.616	ng		99
15) Benzyl Alcohol	8.145	79	381898	44.055	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	521315	36.019	ng		97
17) 2-Methylphenol	8.351	107	339744	42.176	ng		98
18) Hexachloroethane	8.987	117	168800	39.668	ng		94
19) n-Nitroso-di-n-propyla...	8.716	70	318538	41.947	ng		96
20) 3+4-Methylphenols	8.681	107	469268	42.577	ng		97
22) Acetophenone	8.728	105	636936	41.990	ng		97
24) Nitrobenzene	9.110	77	453504	38.871	ng		99
25) Isophorone	9.639	82	784376	40.449	ng		98
26) 2-Nitrophenol	9.822	139	242565	47.646	ng		97
27) 2,4-Dimethylphenol	9.887	122	328616	41.859	ng		95
28) bis(2-Chloroethoxy)met...	10.122	93	509181	45.626	ng		99
29) 2,4-Dichlorophenol	10.357	162	410111	44.308	ng		98
30) 1,2,4-Trichlorobenzene	10.575	180	460770	43.980	ng		99
31) Naphthalene	10.757	128	1267825	39.240	ng		99
32) Benzoic acid	10.039	122	312959	49.689	ng		97
33) 4-Chloroaniline	10.869	127	524975	40.393	ng		98
34) Hexachlorobutadiene	11.051	225	302646	46.786	ng		97
35) Caprolactam	11.663	113	121832	45.573	ng		90
36) 4-Chloro-3-methylphenol	11.998	107	423656	44.233	ng		98
37) 2-Methylnaphthalene	12.369	142	900963	40.244	ng		100
38) 1-Methylnaphthalene	12.592	142	887029	40.573	ng		100
40) 1,2,4,5-Tetrachloroben...	12.745	216	525189	47.526	ng	#	97
41) Hexachlorocyclopentadiene	12.722	237	290259	43.871	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	356753	47.689	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	376817	45.361	ng		96
46) 1,1'-Biphenyl	13.380	154	1220813	41.755	ng		98
47) 2-Chloronaphthalene	13.422	162	943658	41.415	ng		100
48) 2-Nitroaniline	13.622	65	271906	41.483	ng		98
49) Acenaphthylene	14.269	152	1423147	40.568	ng		99
50) Dimethylphthalate	14.004	163	1157378	40.001	ng		99
51) 2,6-Dinitrotoluene	14.122	165	246085	41.774	ng		91
52) Acenaphthene	14.610	154	948782m	39.919	ng		
53) 3-Nitroaniline	14.445	138	249930	39.543	ng		98
54) 2,4-Dinitrophenol	14.657	184	157629	45.491	ng		92
55) Dibenzofuran	14.945	168	1393354	41.065	ng		97
56) 4-Nitrophenol	14.757	139	199468	38.638	ng		98
57) 2,4-Dinitrotoluene	14.910	165	329238	41.695	ng		96
58) Fluorene	15.592	166	1108468	39.329	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.174	232	322454	45.659	ng		91
60) Diethylphthalate	15.369	149	1138889	38.646	ng		99
61) 4-Chlorophenyl-phenyle...	15.586	204	593821	44.024	ng		96
62) 4-Nitroaniline	15.610	138	252945	38.649	ng		99
63) Azobenzene	15.880	77	994584	37.003	ng		97
65) 4,6-Dinitro-2-methylph...	15.674	198	213966	47.535	ng		98
66) n-Nitrosodiphenylamine	15.804	169	943623	41.350	ng		99
67) 4-Bromophenyl-phenylether	16.480	248	357614	46.722	ng		95
68) Hexachlorobenzene	16.604	284	383130	44.336	ng	#	92
69) Atrazine	16.757	200	319075	41.647	ng		98
70) Pentachlorophenol	16.945	266	239207	44.180	ng		100
71) Phenanthrene	17.333	178	1614039	38.461	ng		100
72) Anthracene	17.421	178	1602169	39.539	ng		100
73) Carbazole	17.692	167	1521138	41.102	ng		98
74) Di-n-butylphthalate	18.262	149	1795426	38.129	ng		100
75) Fluoranthene	19.351	202	1805647	39.184	ng		98
77) Benzidine	19.533	184	785972	38.706	ng		100
78) Pyrene	19.709	202	1836293	41.775	ng		100
80) Butylbenzylphthalate	20.609	149	776027	40.220	ng		94
81) Benzo(a)anthracene	21.456	228	1762541	39.738	ng		99
82) 3,3'-Dichlorobenzidine	21.392	252	448624	34.703	ng		98
83) Chrysene	21.509	228	1667692	39.364	ng		99
84) Bis(2-ethylhexyl)phtha...	21.392	149	1101452	37.124	ng	#	98
85) Di-n-octyl phthalate	22.315	149	1879307	38.423	ng		98
87) Indeno(1,2,3-cd)pyrene	26.344	276	1958191	39.051	ng		97
88) Benzo(b)fluoranthene	23.139	252	1646636	39.694	ng		99
89) Benzo(k)fluoranthene	23.186	252	1601946	38.148	ng		99
90) Benzo(a)pyrene	23.756	252	1373693	39.859	ng		99
91) Dibenzo(a,h)anthracene	26.356	278	1626266	38.663	ng		98
92) Benzo(g,h,i)perylene	27.103	276	1573528	38.933	ng		97

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

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