Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
Data File : BM035832.D
Acq On : 15 Jul 2022 16:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 23:47:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	403610	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1701205	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	1003158	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	1918958	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1455757	20.000	ng		0.00
86) Perylene-d12	23.833	264	1212797	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	2040205	82.106	ng		0.00
7) Phenol-d6	7.069	99	2727193	87.743	ng		0.00
23) Nitrobenzene-d5	9.075	82	2614558	87.860	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	995661	97.737	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	5820682	80.920	ng		0.00
79) Terphenyl-d14	19.903	244	7303161	97.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	394091	37.599	ng	#	93
3) Pyridine	3.728	79	1115248m	40.998	ng		
4) n-Nitrosodimethylamine	3.646	42	471448	39.374	ng	#	66
6) Aniline	7.234	93	1539060	44.311	ng		95
8) 2-Chlorophenol	7.469	128	1113219	43.028	ng		95
9) Benzaldehyde	7.040	77	685422	40.403	ng		94
10) Phenol	7.098	94	1366451	43.660	ng		89
11) bis(2-Chloroethyl)ether	7.334	93	1116213	43.258	ng		96
12) 1,3-Dichlorobenzene	7.793	146	1205692	40.651	ng		98
13) 1,4-Dichlorobenzene	7.940	146	1232367	40.793	ng		98
14) 1,2-Dichlorobenzene	8.257	146	1192012	40.889	ng		100
15) Benzyl Alcohol	8.151	79	941497	47.104	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1494513	44.868	ng		97
17) 2-Methylphenol	8.351	107	906436	44.924	ng		96
18) Hexachloroethane	8.987	117	449963	42.327	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	872984	48.908	ng		89
20) 3+4-Methylphenols	8.687	107	1245554	46.122	ng		96
22) Acetophenone	8.734	105	1734736	42.241	ng	#	94
24) Nitrobenzene	9.116	77	1198958	42.757	ng		96
25) Isophorone	9.639	82	2205190	46.786	ng		99
26) 2-Nitrophenol	9.828	139	590805	49.050	ng		90
27) 2,4-Dimethylphenol	9.886	122	900239	44.516	ng		97
28) bis(2-Chloroethoxy)met...	10.128	93	1478324	44.486	ng		100
29) 2,4-Dichlorophenol	10.357	162	1009165	45.582	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	1114797	40.745	ng		98
31) Naphthalene	10.763	128	3533396	41.126	ng		100
32) Benzoic acid	10.039	122	747369	53.674	ng		95
33) 4-Chloroaniline	10.875	127	1490412	43.875	ng		96
34) Hexachlorobutadiene	11.045	225	653007	41.382	ng		97
35) Caprolactam	11.663	113	328985	48.637	ng		96
36) 4-Chloro-3-methylphenol	11.998	107	1058547	47.282	ng		97
37) 2-Methylnaphthalene	12.375	142	2414106	42.720	ng		97
38) 1-Methylnaphthalene	12.592	142	2351157	42.711	ng		98
40) 1,2,4,5-Tetrachloroben...	12.739	216	1172948	40.390	ng		98
41) Hexachlorocyclopentadiene	12.716	237	660811	43.629	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	807509	47.725	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.045	196	859197	47.338	ng	97
46)	1,1'-Biphenyl	13.380	154	3129066	41.069	ng	99
47)	2-Chloronaphthalene	13.422	162	2392035	41.007	ng	99
48)	2-Nitroaniline	13.627	65	686909	45.207	ng	90
49)	Acenaphthylene	14.263	152	3736891	42.383	ng	99
50)	Dimethylphthalate	14.010	163	2829488	43.762	ng	99
51)	2,6-Dinitrotoluene	14.121	165	604826	43.204	ng	93
52)	Acenaphthene	14.604	154	2233195	41.499	ng	100
53)	3-Nitroaniline	14.451	138	714091	42.800	ng	93
54)	2,4-Dinitrophenol	14.651	184	293947	52.457	ng	89
55)	Dibenzofuran	14.939	168	3581681	41.158	ng	98
56)	4-Nitrophenol	14.751	139	545331	43.428	ng	85
57)	2,4-Dinitrotoluene	14.904	165	802800	43.508	ng	99
58)	Fluorene	15.586	166	2844705	41.202	ng	97
59)	2,3,4,6-Tetrachlorophenol	15.163	232	704951	47.111	ng	97
60)	Diethylphthalate	15.368	149	2899523	45.582	ng	99
61)	4-Chlorophenyl-phenyle...	15.580	204	1430837	41.741	ng	97
62)	4-Nitroaniline	15.610	138	723949	41.656	ng	90
63)	Azobenzene	15.874	77	2878523	43.665	ng	93
65)	4,6-Dinitro-2-methylph...	15.663	198	418129	51.246	ng	95
66)	n-Nitrosodiphenylamine	15.798	169	2401837	43.771	ng	100
67)	4-Bromophenyl-phenylether	16.474	248	851884	44.825	ng	95
68)	Hexachlorobenzene	16.580	284	960377	42.787	ng	92
69)	Atrazine	16.751	200	700156	49.382	ng	97
70)	Pentachlorophenol	16.921	266	571267	49.265	ng	98
71)	Phenanthrene	17.321	178	4136137	41.030	ng	99
72)	Anthracene	17.410	178	4055385	41.817	ng	99
73)	Carbazole	17.680	167	3999960	40.997	ng	99
74)	Di-n-butylphthalate	18.257	149	4637339	44.707	ng	99
75)	Fluoranthene	19.333	202	4369652	38.759	ng	98
77)	Benzidine	19.521	184	1199305	58.846	ng	99
78)	Pyrene	19.692	202	4452907	48.708	ng	99
80)	Butylbenzylphthalate	20.603	149	1697041	52.088	ng	96
81)	Benzo(a)anthracene	21.439	228	3836587	42.011	ng	99
82)	3,3'-Dichlorobenzidine	21.374	252	875894	47.310	ng	99
83)	Chrysene	21.492	228	3650047	41.399	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.380	149	2373110	48.629	ng	99
85)	Di-n-octyl phthalate	22.303	149	3520105	49.408	ng	96
87)	Indeno(1,2,3-cd)pyrene	26.315	276	3467240	39.259	ng	99
88)	Benzo(b)fluoranthene	23.109	252	3129210	42.719	ng	99
89)	Benzo(k)fluoranthene	23.156	252	3242256	42.318	ng	98
90)	Benzo(a)pyrene	23.727	252	2597502	42.381	ng	99
91)	Dibenzo(a,h)anthracene	26.338	278	2884086	39.365	ng	99
92)	Benzo(g,h,i)perylene	27.079	276	2786696	38.550	ng	98

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

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