Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034332.D
Acq On : 23 Mar 2022 09:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 02:27:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	248322	20.000	ng		-0.01
21) Naphthalene-d8	10.754	136	1043322	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	693737	20.000	ng		0.00
64) Phenanthrene-d10	17.319	188	1428988	20.000	ng		-0.01
76) Chrysene-d12	21.495	240	1337046	20.000	ng		0.00
86) Perylene-d12	23.906	264	1124942	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	1152632	83.270	ng		-0.01
7) Phenol-d6	7.102	99	1700641	85.810	ng		0.00
23) Nitrobenzene-d5	9.107	82	1753078	81.808	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	804920	86.081	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	4007548	78.939	ng		0.00
79) Terphenyl-d14	19.942	244	6173291	80.227	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	246654	39.384	ng		99
3) Pyridine	3.755	79	707932	41.773	ng		99
4) n-Nitrosodimethylamine	3.667	42	309560	38.470	ng		100
6) Aniline	7.260	93	955167	42.174	ng		99
8) 2-Chlorophenol	7.502	128	672820	41.557	ng		99
9) Benzaldehyde	7.072	77	442715	41.462	ng		97
10) Phenol	7.131	94	831961	42.208	ng		98
11) bis(2-Chloroethyl)ether	7.360	93	666298	41.184	ng		100
12) 1,3-Dichlorobenzene	7.831	146	718660	39.132	ng		100
13) 1,4-Dichlorobenzene	7.972	146	737516	39.227	ng		99
14) 1,2-Dichlorobenzene	8.296	146	726163	39.620	ng		99
15) Benzyl Alcohol	8.178	79	681235	43.192	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.472	45	908433	40.916	ng		98
17) 2-Methylphenol	8.384	107	581163	42.098	ng		98
18) Hexachloroethane	9.031	117	275374	39.712	ng		97
19) n-Nitroso-di-n-propyla...	8.754	70	602736	42.045	ng		100
20) 3+4-Methylphenols	8.719	107	812107	42.536	ng		99
22) Acetophenone	8.766	105	1097709	40.998	ng	#	99
24) Nitrobenzene	9.149	77	811583	40.565	ng		98
25) Isophorone	9.678	82	1515737	42.269	ng		98
26) 2-Nitrophenol	9.860	139	391777	44.157	ng		98
27) 2,4-Dimethylphenol	9.925	122	577200	41.546	ng		97
28) bis(2-Chloroethoxy)met...	10.160	93	937413	40.831	ng		99
29) 2,4-Dichlorophenol	10.401	162	669029	41.447	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	719010	39.186	ng		100
31) Naphthalene	10.801	128	2155610	39.658	ng		99
32) Benzoic acid	10.096	122	532747	46.372	ng		99
33) 4-Chloroaniline	10.907	127	896833	41.827	ng		99
34) Hexachlorobutadiene	11.095	225	451594	38.857	ng		98
35) Caprolactam	11.707	113	250263m	44.600	ng		
36) 4-Chloro-3-methylphenol	12.037	107	774531	41.870	ng		99
37) 2-Methylnaphthalene	12.413	142	1555296	40.100	ng		98
38) 1-Methylnaphthalene	12.631	142	1529039	40.301	ng		99
40) 1,2,4,5-Tetrachloroben...	12.784	216	813973	38.880	ng		100
41) Hexachlorocyclopentadiene	12.766	237	501037	41.333	ng		98
43) 2,4,6-Trichlorophenol	13.019	196	587973	40.679	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	637905	41.117	ng	98
46) 1,1'-Biphenyl	13.419	154	2089611	39.504	ng	99
47) 2-Chloronaphthalene	13.460	162	1610466	39.664	ng	97
48) 2-Nitroaniline	13.660	65	548534	44.190	ng	99
49) Acenaphthylene	14.307	152	2567409	40.570	ng	99
50) Dimethylphthalate	14.042	163	2121743	40.184	ng	100
51) 2,6-Dinitrotoluene	14.154	165	452685	41.800	ng	99
52) Acenaphthene	14.648	154	1738055m	40.774	ng	
53) 3-Nitroaniline	14.483	138	480535	44.226	ng	98
54) 2,4-Dinitrophenol	14.689	184	291932	48.112	ng	99
55) Dibenzofuran	14.978	168	2539912	39.984	ng	99
56) 4-Nitrophenol	14.789	139	422819m	48.001	ng	
57) 2,4-Dinitrotoluene	14.942	165	630730	43.086	ng	96
58) Fluorene	15.625	166	2109049	40.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	576961	41.241	ng	99
60) Diethylphthalate	15.401	149	2226079	41.094	ng	99
61) 4-Chlorophenyl-phenyle...	15.619	204	1064576	40.433	ng	98
62) 4-Nitroaniline	15.642	138	486143	46.510	ng	99
63) Azobenzene	15.913	77	2146096	41.084	ng	98
65) 4,6-Dinitro-2-methylph...	15.707	198	415547	44.722	ng	98
66) n-Nitrosodiphenylamine	15.836	169	1814765	39.974	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	659042	40.119	ng	97
68) Hexachlorobenzene	16.636	284	725125	39.576	ng	98
69) Atrazine	16.783	200	625813	41.821	ng	100
70) Pentachlorophenol	16.972	266	493461	42.114	ng	99
71) Phenanthrene	17.366	178	3210189	40.114	ng	100
72) Anthracene	17.454	178	3199652	41.078	ng	99
73) Carbazole	17.724	167	3049114	41.974	ng	100
74) Di-n-butylphthalate	18.289	149	3863894	42.786	ng	99
75) Fluoranthene	19.377	202	3669545	40.904	ng	99
77) Benzidine	19.554	184	885052	45.171	ng	99
78) Pyrene	19.736	202	3782718	40.155	ng	100
80) Butylbenzylphthalate	20.630	149	1766339	44.337	ng	99
81) Benzo(a)anthracene	21.477	228	3425668	40.594	ng	99
82) 3,3'-Dichlorobenzidine	21.407	252	1177756	41.785	ng	99
83) Chrysene	21.530	228	3346094	38.828	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2579453	43.846	ng	98
85) Di-n-octyl phthalate	22.330	149	4040834	43.271	ng	100
87) Indeno(1,2,3-cd)pyrene	26.430	276	2834386	39.167	ng	99
88) Benzo(b)fluoranthene	23.171	252	2881891	42.841	ng	99
89) Benzo(k)fluoranthene	23.224	252	2998753	42.082	ng	99
90) Benzo(a)pyrene	23.801	252	2365746	41.485	ng	99
91) Dibenzo(a,h)anthracene	26.442	278	2329950	39.708	ng	99
92) Benzo(g,h,i)perylene	27.200	276	2300645	37.880	ng	100

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

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