Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011922\
Data File : BM033785.D
Acq On : 19 Jan 2022 16:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

Quant Time: Jan 19 17:09:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	236341	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	989810	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	660559	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1371500	20.000	ng		0.00
76) Chrysene-d12	21.494	240	1203074	20.000	ng		0.00
86) Perylene-d12	23.900	264	1082951	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1049577	74.622	ng		0.00
7) Phenol-d6	7.113	99	1428848	72.108	ng		0.00
23) Nitrobenzene-d5	9.119	82	1458496	72.514	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	629058	70.242	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	3293421	70.142	ng		0.00
79) Terphenyl-d14	19.942	244	5026301	69.282	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	200967	36.567	ng	#	92
3) Pyridine	3.749	79	578482	36.447	ng		93
4) n-Nitrosodimethylamine	3.654	42	263626	35.411	ng	#	67
6) Aniline	7.272	93	833465	36.235	ng		94
8) 2-Chlorophenol	7.513	128	591923	36.326	ng		89
9) Benzaldehyde	7.078	77	394696	37.524	ng		92
10) Phenol	7.142	94	725502	36.507	ng		89
11) bis(2-Chloroethyl)ether	7.366	93	571659	35.766	ng		93
12) 1,3-Dichlorobenzene	7.842	146	653256	36.243	ng		95
13) 1,4-Dichlorobenzene	7.984	146	673312	36.309	ng		96
14) 1,2-Dichlorobenzene	8.307	146	651540	36.030	ng		98
15) Benzyl Alcohol	8.189	79	592210	35.344	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.484	45	806627	36.465	ng		97
17) 2-Methylphenol	8.395	107	512092	35.472	ng		94
18) Hexachloroethane	9.042	117	249170	36.339	ng		96
19) n-Nitroso-di-n-propyla...	8.766	70	488159	34.386	ng	#	89
20) 3+4-Methylphenols	8.731	107	715461	35.470	ng		93
22) Acetophenone	8.778	105	941296	36.019	ng	#	91
24) Nitrobenzene	9.160	77	686742	36.287	ng		91
25) Isophorone	9.695	82	1268209	35.803	ng		96
26) 2-Nitrophenol	9.872	139	342825	37.500	ng	#	84
27) 2,4-Dimethylphenol	9.936	122	507898	36.384	ng		94
28) bis(2-Chloroethoxy)met...	10.172	93	810934	35.931	ng		98
29) 2,4-Dichlorophenol	10.413	162	578856	36.268	ng		99
30) 1,2,4-Trichlorobenzene	10.630	180	623942	36.130	ng		98
31) Naphthalene	10.819	128	1921423	35.961	ng		99
32) Benzoic acid	10.089	122	449525	40.128	ng	#	86
33) 4-Chloroaniline	10.919	127	798539	35.915	ng		93
34) Hexachlorobutadiene	11.113	225	404882	35.777	ng		98
35) Caprolactam	11.719	113	208587	36.699	ng	#	79
36) 4-Chloro-3-methylphenol	12.048	107	696641	35.438	ng		98
37) 2-Methylnaphthalene	12.424	142	1335434	34.888	ng		98
38) 1-Methylnaphthalene	12.642	142	1306720	34.972	ng		99
40) 1,2,4,5-Tetrachloroben...	12.795	216	677681	35.454	ng		99
41) Hexachlorocyclopentadiene	12.777	237	397865	33.819	ng		98
43) 2,4,6-Trichlorophenol	13.030	196	492847	36.110	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	531698	36.176	ng		96
46) 1,1'-Biphenyl	13.430	154	1762690	35.259	ng		98
47) 2-Chloronaphthalene	13.471	162	1351667	35.433	ng		99
48) 2-Nitroaniline	13.666	65	458874	36.780	ng	#	85
49) Acenaphthylene	14.313	152	2193115	35.680	ng		99
50) Dimethylphthalate	14.054	163	1839197	35.339	ng		99
51) 2,6-Dinitrotoluene	14.166	165	386063	36.761	ng		86
52) Acenaphthene	14.654	154	1473295m	35.857	ng		
53) 3-Nitroaniline	14.489	138	425708	37.066	ng		91
54) 2,4-Dinitrophenol	14.695	184	247090	38.869	ng	#	88
55) Dibenzofuran	14.989	168	2145154	34.939	ng		99
56) 4-Nitrophenol	14.795	139	360930	38.297	ng	#	82
57) 2,4-Dinitrotoluene	14.948	165	543016	37.163	ng	#	81
58) Fluorene	15.636	166	1677999	34.675	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.213	232	476834	35.576	ng		98
60) Diethylphthalate	15.407	149	1938052	35.515	ng		99
61) 4-Chlorophenyl-phenyle...	15.630	204	872834	34.500	ng		97
62) 4-Nitroaniline	15.648	138	449590	37.273	ng		87
63) Azobenzene	15.918	77	1809962	36.074	ng		93
65) 4,6-Dinitro-2-methylph...	15.707	198	346456	38.568	ng		86
66) n-Nitrosodiphenylamine	15.842	169	1514957	35.492	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	546313	35.059	ng		99
68) Hexachlorobenzene	16.642	284	587742	34.551	ng		96
69) Atrazine	16.789	200	572985	35.835	ng		99
70) Pentachlorophenol	16.977	266	410726	37.567	ng		97
71) Phenanthrene	17.371	178	2690748	35.242	ng		99
72) Anthracene	17.459	178	2678474	35.670	ng		99
73) Carbazole	17.724	167	2631760	35.911	ng		99
74) Di-n-butylphthalate	18.295	149	3439719	37.239	ng		99
75) Fluoranthene	19.377	202	3095409	36.207	ng		99
77) Benzidine	19.553	184	1197668	39.238	ng		99
78) Pyrene	19.742	202	3130432	35.220	ng		99
80) Butylbenzylphthalate	20.630	149	1563950	38.217	ng		94
81) Benzo(a)anthracene	21.477	228	2867961	36.017	ng		98
82) 3,3'-Dichlorobenzidine	21.406	252	1037391	36.433	ng		100
83) Chrysene	21.530	228	2719683	35.758	ng		99
84) Bis(2-ethylhexyl)phtha...	21.412	149	2212522	37.416	ng	#	98
85) Di-n-octyl phthalate	22.336	149	3676294	38.691	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.424	276	2560741	35.566	ng		98
88) Benzo(b)fluoranthene	23.171	252	2523588	36.504	ng		99
89) Benzo(k)fluoranthene	23.218	252	2421883	34.981	ng		99
90) Benzo(a)pyrene	23.800	252	2042717	36.147	ng		99
91) Dibenzo(a,h)anthracene	26.441	278	2186992	35.959	ng		97
92) Benzo(g,h,i)perylene	27.200	276	2063659	35.657	ng		96

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

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