Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037431.D
Acq On : 08 Nov 2022 16:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

Quant Time: Nov 09 02:10:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 02:08:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	415396	20.000	ng		0.00
21) Naphthalene-d8	10.633	136	1673242	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	1036982	20.000	ng		0.01
64) Phenanthrene-d10	17.215	188	2081926	20.000	ng		0.01
76) Chrysene-d12	21.391	240	1804316	20.000	ng		0.01
86) Perylene-d12	23.727	264	1529501	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1599414	66.520	ng		0.01
7) Phenol-d6	7.016	99	2308264	70.734	ng		0.01
23) Nitrobenzene-d5	9.004	82	2562005	77.251	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	1167613	95.546	ng		0.01
45) 2-Fluorobiphenyl	13.098	172	6121512	78.435	ng		0.00
79) Terphenyl-d14	19.839	244	8394353	83.430	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	294435	29.905	ng		97
3) Pyridine	3.698	79	926391	31.582	ng		98
4) n-Nitrosodimethylamine	3.610	42	415760	32.429	ng		100
6) Aniline	7.169	93	1420781	35.614	ng		99
8) 2-Chlorophenol	7.398	128	1124569	38.428	ng		98
9) Benzaldehyde	6.981	77	607752	36.793	ng		99
10) Phenol	7.045	94	1293590	35.377	ng		100
11) bis(2-Chloroethyl)ether	7.269	93	1045872	35.675	ng		98
12) 1,3-Dichlorobenzene	7.716	146	1209263	37.816	ng		98
13) 1,4-Dichlorobenzene	7.869	146	1253992	38.016	ng		99
14) 1,2-Dichlorobenzene	8.181	146	1208047	38.133	ng		97
15) Benzyl Alcohol	8.086	79	981273	42.059	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1517950	36.319	ng		99
17) 2-Methylphenol	8.292	107	948916	39.710	ng		100
18) Hexachloroethane	8.904	117	459173	39.472	ng		94
19) n-Nitroso-di-n-propyla...	8.651	70	907628	40.577	ng		98
20) 3+4-Methylphenols	8.622	107	1318959	40.184	ng		98
22) Acetophenone	8.669	105	1687350	38.798	ng	#	98
24) Nitrobenzene	9.051	77	1281245	38.106	ng		96
25) Isophorone	9.575	82	2291327	41.339	ng		99
26) 2-Nitrophenol	9.751	139	669561	44.482	ng		99
27) 2,4-Dimethylphenol	9.822	122	905575	40.538	ng		99
28) bis(2-Chloroethoxy)met...	10.057	93	1336508	38.755	ng		100
29) 2,4-Dichlorophenol	10.292	162	1085178	42.318	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	1170746	40.260	ng		99
31) Naphthalene	10.686	128	3638594	38.382	ng		100
32) Benzoic acid	10.010	122	872547	43.657	ng		99
33) 4-Chloroaniline	10.804	127	1515259	40.127	ng		99
34) Hexachlorobutadiene	10.957	225	692148	42.625	ng		98
35) Caprolactam	11.651	113	363814	46.668	ng		97
36) 4-Chloro-3-methylphenol	11.939	107	1103744	41.767	ng		99
37) 2-Methylnaphthalene	12.292	142	2592499	40.363	ng		99
38) 1-Methylnaphthalene	12.516	142	2550198	40.635	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	1267182	40.642	ng		99
41) Hexachlorocyclopentadiene	12.633	237	641189	43.163	ng		98
43) 2,4,6-Trichlorophenol	12.910	196	927577	43.216	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1020644	43.107	ng		98
46) 1,1'-Biphenyl	13.310	154	3203591	38.283	ng		99
47) 2-Chloronaphthalene	13.351	162	2550456	38.299	ng		99
48) 2-Nitroaniline	13.568	65	798040	41.469	ng		99
49) Acenaphthylene	14.198	152	4038413	39.066	ng		100
50) Dimethylphthalate	13.945	163	3224251	40.707	ng		99
51) 2,6-Dinitrotoluene	14.068	165	711011	42.389	ng		94
52) Acenaphthene	14.539	154	2439255	38.168	ng		99
53) 3-Nitroaniline	14.398	138	772565	41.228	ng		98
54) 2,4-Dinitrophenol	14.610	184	448584	43.790	ng		92
55) Dibenzofuran	14.868	168	3827865	38.887	ng		99
56) 4-Nitrophenol	14.721	139	628222	42.024	ng		95
57) 2,4-Dinitrotoluene	14.857	165	987279	44.731	ng		99
58) Fluorene	15.521	166	3286923	40.005	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	877720	44.228	ng		95
60) Diethylphthalate	15.298	149	3282756	42.642	ng		100
61) 4-Chlorophenyl-phenyle...	15.515	204	1571617	41.345	ng		98
62) 4-Nitroaniline	15.562	138	784771m	41.757	ng		
63) Azobenzene	15.809	77	2981739	39.317	ng		98
65) 4,6-Dinitro-2-methylph...	15.615	198	583575	40.997	ng		98
66) n-Nitrosodiphenylamine	15.733	169	2695479	38.304	ng		99
67) 4-Bromophenyl-phenylether	16.409	248	983200	42.083	ng		97
68) Hexachlorobenzene	16.515	284	1163720	41.159	ng		97
69) Atrazine	16.692	200	757228	42.766	ng		98
70) Pentachlorophenol	16.868	266	719002	43.703	ng		98
71) Phenanthrene	17.256	178	4877706	37.763	ng		100
72) Anthracene	17.351	178	4780873	39.098	ng		100
73) Carbazole	17.627	167	4322048	38.533	ng		99
74) Di-n-butylphthalate	18.180	149	5650421	45.622	ng		99
75) Fluoranthene	19.268	202	5471846	40.076	ng		99
77) Benzidine	19.462	184	644492	23.954	ng		99
78) Pyrene	19.633	202	5539209	39.923	ng		99
80) Butylbenzylphthalate	20.527	149	2413809	48.715	ng		97
81) Benzo(a)anthracene	21.374	228	5015542	39.045	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	1494485	39.612	ng		99
83) Chrysene	21.427	228	4668116	37.719	ng		99
84) Bis(2-ethylhexyl)phtha...	21.297	149	3274608	49.240	ng	#	97
85) Di-n-octyl phthalate	22.203	149	4966197	47.416	ng		97
87) Indeno(1,2,3-cd)pyrene	26.156	276	4463108	35.638	ng		97
88) Benzo(b)fluoranthene	23.015	252	4257428	40.094	ng		99
89) Benzo(k)fluoranthene	23.068	252	4078402	37.654	ng		99
90) Benzo(a)pyrene	23.632	252	3376986	39.032	ng		99
91) Dibenzo(a,h)anthracene	26.173	278	3739814	35.961	ng		98
92) Benzo(g,h,i)perylene	26.903	276	3533998	34.915	ng		97

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

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