Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102822\
Data File : BM037255.D
Acq On : 28 Oct 2022 14:43
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Oct 29 02:56:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 02:48:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	377916	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1501780	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	855351	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1651952	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1591310	20.000	ng		0.00
86) Perylene-d12	23.780	264	1605904	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	883962	41.511	ng		0.00
7) Phenol-d6	7.045	99	1158362	38.726	ng		0.00
23) Nitrobenzene-d5	9.045	82	1153011	41.066	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	379326	56.544	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	2473158	44.583	ng		0.00
79) Terphenyl-d14	19.868	244	3353133	41.983	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	190587	20.772	ng		99
3) Pyridine	3.734	79	546620	19.301	ng		99
4) n-Nitrosodimethylamine	3.646	42	239587	19.490	ng		98
6) Aniline	7.204	93	710487	18.707	ng		99
8) 2-Chlorophenol	7.439	128	529960	20.857	ng		99
9) Benzaldehyde	7.022	77	304357	15.886	ng		99
10) Phenol	7.075	94	652007	19.031	ng		99
11) bis(2-Chloroethyl)ether	7.304	93	520322	18.593	ng		100
12) 1,3-Dichlorobenzene	7.763	146	575485	20.673	ng		97
13) 1,4-Dichlorobenzene	7.910	146	594138	20.825	ng		99
14) 1,2-Dichlorobenzene	8.228	146	565351	20.688	ng		99
15) Benzyl Alcohol	8.122	79	404375	17.351	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.410	45	751378	18.383	ng		99
17) 2-Methylphenol	8.328	107	425779	19.034	ng		98
18) Hexachloroethane	8.951	117	210677	20.017	ng		99
19) n-Nitroso-di-n-propyla...	8.686	70	386385	17.006	ng		98
20) 3+4-Methylphenols	8.651	107	577081	18.767	ng		97
22) Acetophenone	8.704	105	758718	20.128	ng	#	98
24) Nitrobenzene	9.086	77	587766	19.795	ng		98
25) Isophorone	9.610	82	935064	18.014	ng		100
26) 2-Nitrophenol	9.798	139	249824	25.117	ng		97
27) 2,4-Dimethylphenol	9.857	122	382485	19.914	ng		99
28) bis(2-Chloroethoxy)met...	10.092	93	593787	18.911	ng		98
29) 2,4-Dichlorophenol	10.327	162	434686	21.434	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	498213	22.815	ng		99
31) Naphthalene	10.727	128	1647151	20.302	ng		99
32) Benzoic acid	9.975	122	263808	17.995	ng		98
33) 4-Chloroaniline	10.845	127	640524	19.640	ng		99
34) Hexachlorobutadiene	11.004	225	278075	23.285	ng		99
35) Caprolactam	11.633	113	129866	18.557	ng		99
36) 4-Chloro-3-methylphenol	11.969	107	443009	18.581	ng		100
37) 2-Methylnaphthalene	12.333	142	1083818	19.887	ng		99
38) 1-Methylnaphthalene	12.557	142	1061468	19.900	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	490634	23.366	ng		99
41) Hexachlorocyclopentadiene	12.674	237	215680	20.969	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	333172	23.144	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.021	196	367416	22.929	ng	99
46) 1,1'-Biphenyl	13.345	154	1327905	21.058	ng	99
47) 2-Chloronaphthalene	13.386	162	1069625	22.088	ng	99
48) 2-Nitroaniline	13.604	65	303044	19.659	ng	98
49) Acenaphthylene	14.233	152	1652488	21.072	ng	100
50) Dimethylphthalate	13.974	163	1251791	20.753	ng	100
51) 2,6-Dinitrotoluene	14.098	165	263466	21.860	ng	99
52) Acenaphthene	14.574	154	1015221	20.832	ng	98
53) 3-Nitroaniline	14.427	138	293735	20.301	ng	99
54) 2,4-Dinitrophenol	14.633	184	128617	21.265	ng	97
55) Dibenzofuran	14.910	168	1573695	21.328	ng	100
56) 4-Nitrophenol	14.739	139	226001	19.538	ng	98
57) 2,4-Dinitrotoluene	14.880	165	347846	22.209	ng	97
58) Fluorene	15.551	166	1299411	21.495	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	310862	23.457	ng	99
60) Diethylphthalate	15.333	149	1213663	19.400	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	587695	22.246	ng	99
62) 4-Nitroaniline	15.586	138	304510	20.523	ng	97
63) Azobenzene	15.839	77	1228610	17.658	ng	97
65) 4,6-Dinitro-2-methylph...	15.639	198	184023	22.404	ng	95
66) n-Nitrosodiphenylamine	15.768	169	1057595	20.721	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	342858	22.507	ng	99
68) Hexachlorobenzene	16.551	284	417622	24.757	ng	100
69) Atrazine	16.715	200	264792	18.833	ng	97
70) Pentachlorophenol	16.904	266	234431	22.644	ng	98
71) Phenanthrene	17.292	178	1963039	21.225	ng	100
72) Anthracene	17.386	178	1864828	21.146	ng	99
73) Carbazole	17.656	167	1741009	21.151	ng	100
74) Di-n-butylphthalate	18.215	149	1869918	18.141	ng	100
75) Fluoranthene	19.303	202	2107524	22.148	ng	99
77) Benzidine	19.497	184	486312	14.566	ng	98
78) Pyrene	19.662	202	2229198	18.602	ng	99
80) Butylbenzylphthalate	20.562	149	789730	15.987	ng	98
81) Benzo(a)anthracene	21.409	228	2181445	21.106	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	661267	23.569	ng	98
83) Chrysene	21.456	228	2126289	21.358	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	1072459	14.789	ng	99
85) Di-n-octyl phthalate	22.244	149	1778102	15.227	ng	99
87) Indeno(1,2,3-cd)pyrene	26.226	276	2569920	24.232	ng	100
88) Benzo(b)fluoranthene	23.062	252	2069092	20.332	ng	100
89) Benzo(k)fluoranthene	23.109	252	2122472	20.270	ng	99
90) Benzo(a)pyrene	23.674	252	1717480	20.985	ng	100
91) Dibenzo(a,h)anthracene	26.238	278	2141650	24.241	ng	99
92) Benzo(g,h,i)perylene	26.979	276	2109712	24.596	ng	99

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

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