Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092722\
Data File : BM036784.D
Acq On : 27 Sep 2022 20:03
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Sep 28 00:40:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 00:34:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	325470	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1284925	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	684662	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1176845	20.000	ng	0.00
76) Chrysene-d12	21.521	240	982206	20.000	ng	0.00
86) Perylene-d12	23.939	264	907722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1549827	77.201	ng	0.00
7) Phenol-d6	7.151	99	2154888	84.359	ng	0.00
23) Nitrobenzene-d5	9.157	82	2083205	90.753	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	451109	56.164	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	4031858	86.947	ng	0.00
79) Terphenyl-d14	19.962	244	4005204	80.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	331430	40.971	ng	100
3) Pyridine	3.822	79	986043	45.456	ng	100
4) n-Nitrosodimethylamine	3.728	42	401493	45.041	ng	100
6) Aniline	7.316	93	1321266	46.709	ng	100
8) 2-Chlorophenol	7.551	128	901683	42.127	ng	100
9) Benzaldehyde	7.128	77	628076	46.444	ng	100
10) Phenol	7.175	94	1209537	47.027	ng	100
11) bis(2-Chloroethyl)ether	7.416	93	935690	44.162	ng	100
12) 1,3-Dichlorobenzene	7.875	146	978600	41.258	ng	100
13) 1,4-Dichlorobenzene	8.028	146	1004245	41.518	ng	100
14) 1,2-Dichlorobenzene	8.345	146	959475	41.110	ng	100
15) Benzyl Alcohol	8.234	79	783045	45.681	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1171898	41.596	ng	100
17) 2-Methylphenol	8.434	107	772116	45.350	ng	100
18) Hexachloroethane	9.075	117	355591	40.838	ng	100
19) n-Nitroso-di-n-propyla...	8.804	70	714263	46.034	ng	100
20) 3+4-Methylphenols	8.763	107	1061225	45.878	ng	100
22) Acetophenone	8.822	105	1369934	45.039	ng	100
24) Nitrobenzene	9.198	77	1073971	49.768	ng	100
25) Isophorone	9.734	82	1728163	46.279	ng	100
26) 2-Nitrophenol	9.916	139	397516	39.056	ng	100
27) 2,4-Dimethylphenol	9.969	122	698599	44.308	ng	100
28) bis(2-Chloroethoxy)met...	10.210	93	1050407	39.483	ng	100
29) 2,4-Dichlorophenol	10.445	162	753075	42.472	ng	100
30) 1,2,4-Trichlorobenzene	10.663	180	804514	40.039	ng	100
31) Naphthalene	10.851	128	2877578	45.044	ng	100
32) Benzoic acid	10.104	122	498701	39.901	ng	100
33) 4-Chloroaniline	10.963	127	1129562	43.874	ng	100
34) Hexachlorobutadiene	11.134	225	439286	37.205	ng	100
35) Caprolactam	11.763	113	220950	40.456	ng	100
36) 4-Chloro-3-methylphenol	12.081	107	813650	43.658	ng	100
37) 2-Methylnaphthalene	12.457	142	1848482	43.482	ng	100
38) 1-Methylnaphthalene	12.675	142	1805084	43.359	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	776056	41.809	ng	100
41) Hexachlorocyclopentadiene	12.798	237	387702	39.437	ng	100
43) 2,4,6-Trichlorophenol	13.057	196	523133	41.418	ng	100

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44) 2,4,5-Trichlorophenol	13.128	196	575267	43.146	ng	100
46) 1,1'-Biphenyl	13.457	154	2175246	43.595	ng	100
47) 2-Chloronaphthalene	13.498	162	1685516	44.137	ng	100
48) 2-Nitroaniline	13.704	65	529554	50.883	ng	100
49) Acenaphthylene	14.339	152	2675338	45.320	ng	100
50) Dimethylphthalate	14.080	163	1878558	40.347	ng	100
51) 2,6-Dinitrotoluene	14.192	165	394262	42.204	ng	100
52) Acenaphthene	14.680	154	1619422	41.937	ng	100
53) 3-Nitroaniline	14.522	138	473477	43.442	ng	100
54) 2,4-Dinitrophenol	14.727	184	177455	35.897	ng	100
55) Dibenzofuran	15.016	168	2440588	42.205	ng	100
56) 4-Nitrophenol	14.822	139	366820	42.057	ng	100
57) 2,4-Dinitrotoluene	14.974	165	494552	40.390	ng	100
58) Fluorene	15.663	166	2013253	44.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	450096	39.851	ng	100
60) Diethylphthalate	15.433	149	1788526	37.380	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	879964	38.688	ng	100
62) 4-Nitroaniline	15.680	138	480854	42.885	ng	100
63) Azobenzene	15.945	77	2065994	45.420	ng	100
65) 4,6-Dinitro-2-methylph...	15.733	198	233950	38.879	ng	100
66) n-Nitrosodiphenylamine	15.869	169	1588260	47.807	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	460913	39.155	ng	100
68) Hexachlorobenzene	16.657	284	519644	38.474	ng	100
69) Atrazine	16.816	200	408493	43.943	ng	100
70) Pentachlorophenol	16.998	266	308596	39.012	ng	100
71) Phenanthrene	17.398	178	2813165	46.920	ng	100
72) Anthracene	17.486	178	2703696	46.579	ng	100
73) Carbazole	17.757	167	2515457	42.770	ng	100
74) Di-n-butylphthalate	18.321	149	2510636	35.760	ng	100
75) Fluoranthene	19.404	202	2810395	41.875	ng	100
77) Benzidine	19.586	184	740070	50.242	ng	100
78) Pyrene	19.762	202	2949450	48.426	ng	100
80) Butylbenzylphthalate	20.656	149	969030	36.863	ng	100
81) Benzo(a)anthracene	21.503	228	2639154	43.624	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	755755	51.447	ng	100
83) Chrysene	21.562	228	2542828	44.216	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1292036	32.579	ng	100
85) Di-n-octyl phthalate	22.368	149	1959294	30.272	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	2842317	44.558	ng	100
88) Benzo(b)fluoranthene	23.203	252	2336901	43.941	ng	100
89) Benzo(k)fluoranthene	23.256	252	2490770	46.370	ng	100
90) Benzo(a)pyrene	23.839	252	1980334	44.381	ng	100
91) Dibenzo(a,h)anthracene	26.485	278	2336834	43.765	ng	100
92) Benzo(g,h,i)perylene	27.244	276	2345843	45.381	ng	100

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

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