Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011323\
Data File : BM038443.D
Acq On : 12 Jan 2023 18:34
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 00:24:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 00:18:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	102295	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	408715	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	275077	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	657017	20.000	ng	0.00
76) Chrysene-d12	21.545	240	703587	20.000	ng	0.00
86) Perylene-d12	23.968	264	672471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	515645	83.564	ng	0.00
7) Phenol-d6	7.163	99	757066	93.412	ng	0.00
23) Nitrobenzene-d5	9.169	82	866184	92.814	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	366867	87.546	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	1926687	88.138	ng	0.00
79) Terphenyl-d14	19.980	244	3422003	91.935	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	116081	39.965	ng	100
3) Pyridine	3.816	79	382804	48.440	ng	100
4) n-Nitrosodimethylamine	3.728	42	238749	63.416	ng	100
6) Aniline	7.322	93	469064	45.371	ng	100
8) 2-Chlorophenol	7.557	128	268786	41.650	ng	100
9) Benzaldehyde	7.134	77	258997	44.631	ng	100
10) Phenol	7.187	94	397283	47.211	ng	100
11) bis(2-Chloroethyl)ether	7.422	93	306673	44.401	ng	100
12) 1,3-Dichlorobenzene	7.881	146	279915	39.287	ng	100
13) 1,4-Dichlorobenzene	8.028	146	282734	39.332	ng	100
14) 1,2-Dichlorobenzene	8.345	146	280000	39.799	ng	100
15) Benzyl Alcohol	8.245	79	326116	53.681	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.528	45	498397	51.510	ng	100
17) 2-Methylphenol	8.445	107	265940	44.913	ng	100
18) Hexachloroethane	9.075	117	123786	44.530	ng	100
19) n-Nitroso-di-n-propyla...	8.810	70	313330	53.424	ng	100
20) 3+4-Methylphenols	8.775	107	360658	45.566	ng	100
22) Acetophenone	8.828	105	499526	43.214	ng	100
24) Nitrobenzene	9.216	77	443806	45.793	ng	100
25) Isophorone	9.739	82	787652	46.947	ng	100
26) 2-Nitrophenol	9.922	139	154959	40.993	ng	100
27) 2,4-Dimethylphenol	9.981	122	256073	40.613	ng	100
28) bis(2-Chloroethoxy)met...	10.216	93	428585	43.829	ng	100
29) 2,4-Dichlorophenol	10.457	162	280424	40.731	ng	100
30) 1,2,4-Trichlorobenzene	10.669	180	307886	38.883	ng	100
31) Naphthalene	10.857	128	865330	39.846	ng	100
32) Benzoic acid	10.151	122	207748m	43.751	ng	
33) 4-Chloroaniline	10.975	127	393173	42.503	ng	100
34) Hexachlorobutadiene	11.133	225	206778	40.209	ng	100
35) Caprolactam	11.792	113	83944	41.826	ng	100
36) 4-Chloro-3-methylphenol	12.092	107	323698	44.549	ng	100
37) 2-Methylnaphthalene	12.463	142	659883	42.366	ng	100
38) 1-Methylnaphthalene	12.680	142	614977	41.928	ng	100
40) 1,2,4,5-Tetrachloroben...	12.827	216	401144	39.481	ng	100
41) Hexachlorocyclopentadiene	12.798	237	232318	41.821	ng	100
43) 2,4,6-Trichlorophenol	13.069	196	266799	40.136	ng	100

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44) 2,4,5-Trichlorophenol	13.139	196	308881	39.886	ng	100
46) 1,1'-Biphenyl	13.463	154	882789	40.654	ng	100
47) 2-Chloronaphthalene	13.510	162	676882	39.491	ng	100
48) 2-Nitroaniline	13.722	65	289527	50.282	ng	100
49) Acenaphthylene	14.351	152	1091227	40.335	ng	100
50) Dimethylphthalate	14.092	163	904304	41.301	ng	100
51) 2,6-Dinitrotoluene	14.216	165	188399	40.821	ng	100
52) Acenaphthene	14.692	154	668407	40.973	ng	100
53) 3-Nitroaniline	14.545	138	192308	40.758	ng	100
54) 2,4-Dinitrophenol	14.751	184	133734	41.882	ng	100
55) Dibenzofuran	15.021	168	1113418	40.999	ng	100
56) 4-Nitrophenol	14.851	139	155153	40.875	ng	100
57) 2,4-Dinitrotoluene	14.998	165	267479	42.579	ng	100
58) Fluorene	15.668	166	1019722	45.610	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	270051	41.206	ng	100
60) Diethylphthalate	15.439	149	972112	44.592	ng	100
61) 4-Chlorophenyl-phenyle...	15.663	204	537356	45.660	ng	100
62) 4-Nitroaniline	15.710	138	210212	43.506	ng	100
63) Azobenzene	15.957	77	1160561	51.179	ng	100
65) 4,6-Dinitro-2-methylph...	15.763	198	183084	41.046	ng	100
66) n-Nitrosodiphenylamine	15.880	169	819074	41.354	ng	100
67) 4-Bromophenyl-phenylether	16.557	248	307757	41.637	ng	100
68) Hexachlorobenzene	16.668	284	326982	39.931	ng	100
69) Atrazine	16.827	200	287898	42.304	ng	100
70) Pentachlorophenol	17.015	266	250759	42.116	ng	100
71) Phenanthrene	17.410	178	1509864	41.179	ng	100
72) Anthracene	17.504	178	1585731	42.290	ng	100
73) Carbazole	17.774	167	1366148	41.425	ng	100
74) Di-n-butylphthalate	18.321	149	1750109	46.472	ng	100
75) Fluoranthene	19.421	202	1906727	42.057	ng	100
77) Benzidine	19.609	184	706172	35.145	ng	100
78) Pyrene	19.786	202	2018786	40.872	ng	100
80) Butylbenzylphthalate	20.668	149	799679	44.305	ng	100
81) Benzo(a)anthracene	21.527	228	2130950	41.990	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	682556	40.297	ng	100
83) Chrysene	21.586	228	2013568	40.566	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1254230	49.725	ng	100
85) Di-n-octyl phthalate	22.368	149	2028773	45.170	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	1813335	36.825	ng	100
88) Benzo(b)fluoranthene	23.227	252	1771904	42.357	ng	100
89) Benzo(k)fluoranthene	23.280	252	1910173	44.003	ng	100
90) Benzo(a)pyrene	23.868	252	1715680	41.766	ng	100
91) Dibenzo(a,h)anthracene	26.527	278	1545311	38.017	ng	100
92) Benzo(g,h,i)perylene	27.297	276	1389662	33.737	ng	100

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

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