Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
Data File : BM033699.D
Acq On : 12 Jan 2022 15:14
Operator : CG/JU
Sample : N1097-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-2DMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

Quant Time: Jan 13 07:50:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	91625	20.000	ng		0.00
21) Naphthalene-d8	10.783	136	432602	20.000	ng		0.00
39) Acenaphthene-d10	14.607	164	312571	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	727033	20.000	ng		0.00
76) Chrysene-d12	21.506	240	856462	20.000	ng		0.00
86) Perylene-d12	23.930	264	1044240	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	769020	132.371	ng		0.00
7) Phenol-d6	7.125	99	1053841	134.591	ng		0.00
23) Nitrobenzene-d5	9.130	82	674508	72.007	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	509650	156.109	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	1540021	64.532	ng		0.00
79) Terphenyl-d14	19.953	244	2849890	59.895	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	83699	32.144	ng		92
3) Pyridine	3.754	79	267134	39.620	ng		94
4) n-Nitrosodimethylamine	3.654	42	142284	42.239	ng	#	76
6) Aniline	7.284	93	272683	30.744	ng		95
8) 2-Chlorophenol	7.531	128	359503	56.589	ng		88
9) Benzaldehyde	7.095	77	195707	41.197	ng		89
10) Phenol	7.154	94	471044	59.836	ng		92
11) bis(2-Chloroethyl)ether	7.384	93	298801	48.116	ng		92
12) 1,3-Dichlorobenzene	7.854	146	337230	47.494	ng		93
13) 1,4-Dichlorobenzene	8.001	146	349015	48.064	ng		94
14) 1,2-Dichlorobenzene	8.325	146	342340	48.750	ng		98
15) Benzyl Alcohol	8.207	79	355004	55.541	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.501	45	405100	43.257	ng		96
17) 2-Methylphenol	8.413	107	322841	59.409	ng		92
18) Hexachloroethane	9.060	117	127816	46.454	ng		96
19) n-Nitroso-di-n-propyla...	8.783	70	258280	50.488	ng	#	89
20) 3+4-Methylphenols	8.742	107	438495	59.065	ng		94
22) Acetophenone	8.795	105	543566	46.850	ng	#	92
24) Nitrobenzene	9.172	77	403266	45.272	ng		94
25) Isophorone	9.707	82	717120	47.262	ng		98
26) 2-Nitrophenol	9.889	139	195440	52.074	ng	#	86
27) 2,4-Dimethylphenol	9.954	122	362288	57.823	ng		95
28) bis(2-Chloroethoxy)met...	10.189	93	432644	43.253	ng		98
29) 2,4-Dichlorophenol	10.430	162	367018	53.502	ng		99
30) 1,2,4-Trichlorobenzene	10.648	180	340223	44.403	ng		99
31) Naphthalene	10.836	128	1103992	46.562	ng		99
32) Benzoic acid	10.095	122	339419	76.987	ng	#	86
33) 4-Chloroaniline	10.936	127	156291	16.706	ng	#	91
34) Hexachlorobutadiene	11.130	225	207216	41.405	ng		98
35) Caprolactam	11.724	113	140010m	73.588	ng		
36) 4-Chloro-3-methylphenol	12.066	107	455403	57.150	ng		96
37) 2-Methylnaphthalene	12.442	142	822595	51.343	ng		99
38) 1-Methylnaphthalene	12.660	142	775625	49.809	ng		99
40) 1,2,4,5-Tetrachloroben...	12.813	216	415863	42.086	ng		99
41) Hexachlorocyclopentadiene	12.795	237	383591	61.711	ng		99
43) 2,4,6-Trichlorophenol	13.048	196	307333	47.678	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.118	196	345536	50.666	ng		96
46) 1,1'-Biphenyl	13.448	154	1096701	42.955	ng		98
47) 2-Chloronaphthalene	13.489	162	825650	43.066	ng		99
48) 2-Nitroaniline	13.683	65	306660	50.991	ng	#	88
49) Acenaphthylene	14.330	152	1401634	46.848	ng		99
50) Dimethylphthalate	14.065	163	1107791	45.654	ng		98
51) 2,6-Dinitrotoluene	14.177	165	247002	52.561	ng		91
52) Acenaphthene	14.671	154	1038770m	53.375	ng		
53) 3-Nitroaniline	14.501	138	131558	26.232	ng		88
54) 2,4-Dinitrophenol	14.707	184	286446	132.068	ng		87
55) Dibenzofuran	15.007	168	1346193	46.145	ng		97
56) 4-Nitrophenol	14.812	139	542360	136.455	ng	#	85
57) 2,4-Dinitrotoluene	14.960	165	364067	60.672	ng		85
58) Fluorene	15.654	166	1103101	49.361	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.230	232	314638	54.639	ng		99
60) Diethylphthalate	15.424	149	1177081	47.089	ng		99
61) 4-Chlorophenyl-phenyle...	15.642	204	525884	45.606	ng		95
62) 4-Nitroaniline	15.659	138	276146	56.531	ng		91
63) Azobenzene	15.936	77	1110332	44.929	ng		93
65) 4,6-Dinitro-2-methylph...	15.724	198	184324	46.176	ng		82
66) n-Nitrosodiphenylamine	15.854	169	984941	40.088	ng		99
67) 4-Bromophenyl-phenylether	16.536	248	336310	41.820	ng		97
68) Hexachlorobenzene	16.659	284	393079	42.920	ng		95
69) Atrazine	16.806	200	386371	45.839	ng		99
70) Pentachlorophenol	16.995	266	629034	112.940	ng		98
71) Phenanthrene	17.389	178	2175321	52.289	ng		99
72) Anthracene	17.477	178	1982469	48.581	ng		99
73) Carbazole	17.742	167	1887639	49.066	ng		100
74) Di-n-butylphthalate	18.312	149	2177021	43.839	ng		100
75) Fluoranthene	19.395	202	2751152	62.992	ng		99
77) Benzidine	19.571	184	1240764	48.270	ng		99
78) Pyrene	19.753	202	2838837	47.079	ng		99
80) Butylbenzylphthalate	20.647	149	1124552	41.754	ng		92
81) Benzo(a)anthracene	21.494	228	2809115	48.369	ng		98
82) 3,3'-Dichlorobenzidine	21.418	252	694964	33.732	ng		99
83) Chrysene	21.547	228	2720492	48.949	ng		99
84) Bis(2-ethylhexyl)phtha...	21.424	149	1636467	39.888	ng		98
85) Di-n-octyl phthalate	22.353	149	3079333	46.155	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.471	276	3417629	44.382	ng		100
88) Benzo(b)fluoranthene	23.194	252	3319096	49.854	ng		99
89) Benzo(k)fluoranthene	23.241	252	2944424	45.632	ng		99
90) Benzo(a)pyrene	23.824	252	3178008	57.515	ng		99
91) Dibenzo(a,h)anthracene	26.482	278	2895571	45.271	ng		97
92) Benzo(g,h,i)perylene	27.253	276	2790130	44.369	ng		98

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

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