Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036060.D
Acq On : 02 Aug 2022 20:16
Operator : CG/JU
Sample : N3996-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-CDMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

Quant Time: Aug 03 00:54:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	264974	20.000	ng		0.00
21) Naphthalene-d8	10.674	136	1166886	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	731071	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1558868	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1694918	20.000	ng		0.00
86) Perylene-d12	23.791	264	1840053	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2058115	125.927	ng		0.00
7) Phenol-d6	7.039	99	2738973	131.706	ng		0.00
23) Nitrobenzene-d5	9.039	82	1553626	74.529	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1087267	126.774	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	3553241	71.761	ng		0.00
79) Terphenyl-d14	19.874	244	5952902	69.276	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	265216	40.271	ng		93
3) Pyridine	3.704	79	761900	43.142	ng		89
4) n-Nitrosodimethylamine	3.616	42	371868	51.242	ng	#	66
6) Aniline	7.198	93	1369272	59.458	ng		95
8) 2-Chlorophenol	7.434	128	995904	57.151	ng		95
9) Benzaldehyde	7.010	77	642690	58.375	ng		93
10) Phenol	7.069	94	1273035	60.796	ng		91
11) bis(2-Chloroethyl)ether	7.298	93	909330	52.717	ng		96
12) 1,3-Dichlorobenzene	7.757	146	982606	50.886	ng		97
13) 1,4-Dichlorobenzene	7.904	146	1007493	51.161	ng		98
14) 1,2-Dichlorobenzene	8.222	146	978004	51.471	ng		99
15) Benzyl Alcohol	8.116	79	821817m	58.889	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1225708	53.439	ng		97
17) 2-Methylphenol	8.322	107	831429	59.983	ng		95
18) Hexachloroethane	8.951	117	366592	51.713	ng		97
19) n-Nitroso-di-n-propyla...	8.686	70	707080	55.975	ng		89
20) 3+4-Methylphenols	8.651	107	1127433	59.868	ng		97
22) Acetophenone	8.698	105	1448807	52.451	ng	#	93
24) Nitrobenzene	9.080	77	1051493	53.656	ng		97
25) Isophorone	9.610	82	1981610	58.434	ng		98
26) 2-Nitrophenol	9.792	139	519413	56.194	ng		91
27) 2,4-Dimethylphenol	9.857	122	937806	65.496	ng		97
28) bis(2-Chloroethoxy)met...	10.092	93	1242647	51.433	ng		99
29) 2,4-Dichlorophenol	10.322	162	931771	57.866	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	878959	48.169	ng		99
31) Naphthalene	10.727	128	2993040	51.591	ng		100
32) Benzoic acid	10.016	122	691669	60.939	ng		92
33) 4-Chloroaniline	10.839	127	1164945	49.825	ng		96
34) Hexachlorobutadiene	11.004	225	509734	47.538	ng		99
35) Caprolactam	11.645	113	314101m	63.330	ng		
36) 4-Chloro-3-methylphenol	11.969	107	998552	58.999	ng		98
37) 2-Methylnaphthalene	12.333	142	2099917	54.394	ng		98
38) 1-Methylnaphthalene	12.557	142	2004501	53.020	ng		98
40) 1,2,4,5-Tetrachloroben...	12.704	216	995878	50.246	ng		99
41) Hexachlorocyclopentadiene	12.680	237	1255935	119.644	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	726076	53.836	ng		99

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.015	196	799508	56.158	ng	98
46) 1,1'-Biphenyl	13.345	154	2750124	51.618	ng	99
47) 2-Chloronaphthalene	13.386	162	2095345	51.385	ng	99
48) 2-Nitroaniline	13.598	65	658509	59.258	ng	92
49) Acenaphthylene	14.233	152	3412306	54.135	ng	100
50) Dimethylphthalate	13.974	163	2623819	52.776	ng	100
51) 2,6-Dinitrotoluene	14.092	165	582843	58.431	ng	95
52) Acenaphthene	14.574	154	2468412m	59.865	ng	
53) 3-Nitroaniline	14.421	138	600718	51.617	ng	95
54) 2,4-Dinitrophenol	14.627	184	704218	133.412	ng	94
55) Dibenzofuran	14.909	168	3207174	51.941	ng	97
56) 4-Nitrophenol	14.733	139	1247334	133.932	ng	86
57) 2,4-Dinitrotoluene	14.880	165	821718	62.849	ng	98
58) Fluorene	15.557	166	2639801	54.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	671642	55.692	ng	97
60) Diethylphthalate	15.333	149	2729319	53.421	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	1258685	51.825	ng	96
62) 4-Nitroaniline	15.586	138	740455	61.846	ng	93
63) Azobenzene	15.845	77	2583567	53.193	ng	93
65) 4,6-Dinitro-2-methylph...	15.639	198	415711	52.155	ng	95
66) n-Nitrosodiphenylamine	15.768	169	2271660	51.621	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	776128	49.775	ng	95
68) Hexachlorobenzene	16.551	284	924669	51.684	ng	92
69) Atrazine	16.721	200	802536	65.175	ng	98
70) Pentachlorophenol	16.898	266	1244978	118.817	ng	99
71) Phenanthrene	17.292	178	4140295	52.133	ng	99
72) Anthracene	17.380	178	4210092	54.756	ng	98
73) Carbazole	17.656	167	4160730	53.408	ng	99
74) Di-n-butylphthalate	18.221	149	4989081	53.647	ng	99
75) Fluoranthene	19.303	202	5003178	56.279	ng	98
77) Benzidine	19.497	184	4607015	181.245	ng	99
78) Pyrene	19.668	202	5173222	49.221	ng	98
80) Butylbenzylphthalate	20.568	149	2352254	51.855	ng	99
81) Benzo(a)anthracene	21.415	228	5464466	52.343	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1963104	77.442	ng	100
83) Chrysene	21.468	228	5150879	51.904	ng	99
84) Bis(2-ethylhexyl)phtha...	21.344	149	3467675	50.670	ng	98
85) Di-n-octyl phthalate	22.262	149	5937940	53.165	ng	95
87) Indeno(1,2,3-cd)pyrene	26.268	276	6166256	47.686	ng	98
88) Benzo(b)fluoranthene	23.080	252	5904146	54.766	ng	99
89) Benzo(k)fluoranthene	23.127	252	5929143	54.453	ng	99
90) Benzo(a)pyrene	23.691	252	5254046	58.086	ng	98
91) Dibenzo(a,h)anthracene	26.279	278	5491271	50.733	ng	99
92) Benzo(g,h,i)perylene	27.020	276	5068815	48.373	ng	99

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

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