Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036059.D
Acq On : 02 Aug 2022 19:39
Operator : CG/JU
Sample : N3996-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 03 00:53:49 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

Instrument :
BNA_M
ClientSampleId :
MH-CDMS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	339575	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1477354	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	913193	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1891948	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1925409	20.000	ng		0.00
86) Perylene-d12	23.791	264	1901532	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2626115	125.381	ng		0.00
7) Phenol-d6	7.045	99	3458137	129.756	ng		0.00
23) Nitrobenzene-d5	9.039	82	1963207	74.386	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1335269	124.641	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	4425196	71.548	ng		0.00
79) Terphenyl-d14	19.874	244	7009911	71.811	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	346846	41.096	ng		94
3) Pyridine	3.704	79	984151	43.485	ng		89
4) n-Nitrosodimethylamine	3.622	42	489974	52.684	ng	#	64
6) Aniline	7.198	93	1737763	58.881	ng		96
8) 2-Chlorophenol	7.434	128	1260696	56.453	ng		96
9) Benzaldehyde	7.010	77	821346	58.213	ng		94
10) Phenol	7.069	94	1590916	59.285	ng		92
11) bis(2-Chloroethyl)ether	7.298	93	1169002	52.882	ng		97
12) 1,3-Dichlorobenzene	7.757	146	1256379	50.770	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1288238	51.046	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1247716	51.240	ng		99
15) Benzyl Alcohol	8.122	79	1047694m	58.581	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1588487	54.040	ng		97
17) 2-Methylphenol	8.322	107	1043416	58.739	ng		96
18) Hexachloroethane	8.951	117	474329	52.211	ng		96
19) n-Nitroso-di-n-propyla...	8.692	70	901952	55.716	ng		89
20) 3+4-Methylphenols	8.657	107	1419412	58.814	ng		96
22) Acetophenone	8.704	105	1833650	52.432	ng	#	92
24) Nitrobenzene	9.086	77	1331577	53.669	ng		96
25) Isophorone	9.616	82	2532824	58.992	ng		99
26) 2-Nitrophenol	9.792	139	652378	55.747	ng		94
27) 2,4-Dimethylphenol	9.857	122	1179592	65.070	ng		98
28) bis(2-Chloroethoxy)met...	10.098	93	1581560	51.704	ng		99
29) 2,4-Dichlorophenol	10.328	162	1165021	57.147	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	1115066	48.266	ng		99
31) Naphthalene	10.727	128	3784829	51.529	ng		99
32) Benzoic acid	10.028	122	837687	58.294	ng		93
33) 4-Chloroaniline	10.839	127	1433076	48.412	ng		97
34) Hexachlorobutadiene	11.004	225	655353	48.275	ng		98
35) Caprolactam	11.657	113	382064m	60.844	ng		
36) 4-Chloro-3-methylphenol	11.969	107	1252764	58.464	ng		99
37) 2-Methylnaphthalene	12.339	142	2631048	53.829	ng		98
38) 1-Methylnaphthalene	12.557	142	2530708	52.871	ng		98
40) 1,2,4,5-Tetrachloroben...	12.704	216	1255757	50.722	ng		99
41) Hexachlorocyclopentadiene	12.680	237	1640388	125.103	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	904033	53.663	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	992049	55.785	ng	97
46) 1,1'-Biphenyl	13.351	154	3449086	51.826	ng	100
47) 2-Chloronaphthalene	13.392	162	2619996	51.438	ng	100
48) 2-Nitroaniline	13.598	65	818742	58.983	ng	94
49) Acenaphthylene	14.233	152	4224320	53.652	ng	100
50) Dimethylphthalate	13.980	163	3254704	52.410	ng	99
51) 2,6-Dinitrotoluene	14.098	165	724165	58.120	ng	91
52) Acenaphthene	14.574	154	3054458m	59.304	ng	
53) 3-Nitroaniline	14.427	138	720421	49.557	ng	94
54) 2,4-Dinitrophenol	14.633	184	848247	128.649	ng	90
55) Dibenzofuran	14.910	168	3955900	51.290	ng	98
56) 4-Nitrophenol	14.739	139	1473909	126.697	ng	87
57) 2,4-Dinitrotoluene	14.880	165	1003341	61.436	ng	98
58) Fluorene	15.557	166	3250807	53.432	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.133	232	823064	54.637	ng	98
60) Diethylphthalate	15.339	149	3373398	52.860	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	1553473	51.207	ng	97
62) 4-Nitroaniline	15.592	138	887966	59.375	ng	91
63) Azobenzene	15.845	77	3223758	53.137	ng	94
65) 4,6-Dinitro-2-methylph...	15.639	198	508364	52.551	ng	94
66) n-Nitrosodiphenylamine	15.768	169	2782902	52.105	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	956412	50.539	ng	96
68) Hexachlorobenzene	16.551	284	1129097	51.999	ng	95
69) Atrazine	16.721	200	978802	65.495	ng	97
70) Pentachlorophenol	16.898	266	1495678	117.613	ng	99
71) Phenanthrene	17.292	178	5014539	52.025	ng	98
72) Anthracene	17.386	178	5125673	54.927	ng	99
73) Carbazole	17.656	167	4939446	52.241	ng	99
74) Di-n-butylphthalate	18.221	149	6057171	53.665	ng	99
75) Fluoranthene	19.303	202	5934601	55.004	ng	97
77) Benzidine	19.497	184	5252394	181.898	ng	99
78) Pyrene	19.668	202	6046677	50.645	ng	98
80) Butylbenzylphthalate	20.568	149	2775095	53.853	ng	98
81) Benzo(a)anthracene	21.415	228	6181946	52.127	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	2145338	74.500	ng	100
83) Chrysene	21.468	228	5807047	51.511	ng	99
84) Bis(2-ethylhexyl)phtha...	21.344	149	4071893	52.377	ng	97
85) Di-n-octyl phthalate	22.262	149	6822107	53.769	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	5929705	44.374	ng	98
88) Benzo(b)fluoranthene	23.074	252	6338834	56.897	ng	98
89) Benzo(k)fluoranthene	23.127	252	6256945	55.605	ng	99
90) Benzo(a)pyrene	23.691	252	5474360	58.565	ng	98
91) Dibenzo(a,h)anthracene	26.279	278	5306007	47.436	ng	99
92) Benzo(g,h,i)perylene	27.021	276	4841480	44.710	ng	99

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

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