Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042593.D
Acq On : 04 Nov 2023 16:05
Operator : MA/JU
Sample : 05234-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-BMS

Quant Time: Nov 06 01:45:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	43094	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	165425	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	103383	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	240246	20.000	ng		0.00
76) Chrysene-d12	21.503	240	251670	20.000	ng		0.00
86) Perylene-d12	23.921	264	287520	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	302982	113.467	ng		0.01
7) Phenol-d6	7.081	99	389924	106.476	ng		0.00
23) Nitrobenzene-d5	9.116	82	271666	76.555	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	186970	138.522	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	571827	74.427	ng		0.00
79) Terphenyl-d14	19.933	244	1055979	71.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	43518	34.198	ng	#	95
3) Pyridine	3.728	79	115304	31.586	ng		95
4) n-Nitrosodimethylamine	3.657	42	88841	50.571	ng	#	78
6) Aniline	7.257	93	110245	23.683	ng		98
8) 2-Chlorophenol	7.469	128	126043	43.777	ng		98
9) Benzaldehyde	7.075	77	33369	15.810	ng		94
10) Phenol	7.110	94	164250	44.162	ng		89
11) bis(2-Chloroethyl)ether	7.351	93	123072	39.115	ng		100
12) 1,3-Dichlorobenzene	7.792	146	138848	44.621	ng		97
13) 1,4-Dichlorobenzene	7.951	146	143543	45.580	ng		97
14) 1,2-Dichlorobenzene	8.257	146	137447	45.205	ng		99
15) Benzyl Alcohol	8.175	79	126018	48.607	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.445	45	189899	37.926	ng		98
17) 2-Methylphenol	8.363	107	107293	40.742	ng		94
18) Hexachloroethane	8.975	117	54974	44.613	ng	#	87
19) n-Nitroso-di-n-propyla...	8.734	70	104316	40.267	ng		93
20) 3+4-Methylphenols	8.698	107	142675	40.523	ng		96
22) Acetophenone	8.763	105	192133	46.052	ng	#	95
24) Nitrobenzene	9.157	77	161881	46.315	ng		98
25) Isophorone	9.669	82	280484	44.656	ng		98
26) 2-Nitrophenol	9.857	139	67861	45.828	ng	#	91
27) 2,4-Dimethylphenol	9.898	122	99143	41.261	ng		94
28) bis(2-Chloroethoxy)met...	10.151	93	159034	42.028	ng		99
29) 2,4-Dichlorophenol	10.381	162	126288	53.117	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	138952	53.329	ng		98
31) Naphthalene	10.781	128	381815	44.674	ng		99
32) Benzoic acid	10.063	122	91591	46.963	ng		92
33) 4-Chloroaniline	10.928	127	65457	19.642	ng		97
34) Hexachlorobutadiene	11.004	225	92988	58.780	ng		100
35) Caprolactam	11.763	113	36938	44.219	ng		95
36) 4-Chloro-3-methylphenol	12.033	107	130137	48.096	ng		99
37) 2-Methylnaphthalene	12.392	142	261029	43.366	ng		98
38) 1-Methylnaphthalene	12.610	142	252680	44.599	ng		99
40) 1,2,4,5-Tetrachloroben...	12.739	216	162199	52.516	ng		99
41) Hexachlorocyclopentadiene	12.680	237	76186	44.109	ng		100
43) 2,4,6-Trichlorophenol	13.004	196	105756	53.461	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	114966	48.838	ng		97
46) 1,1'-Biphenyl	13.398	154	362536	45.875	ng		98
47) 2-Chloronaphthalene	13.451	162	277101	47.796	ng		99
48) 2-Nitroaniline	13.692	65	96907	42.036	ng		96
49) Acenaphthylene	14.298	152	458423	47.744	ng		99
50) Dimethylphthalate	14.033	163	341055	44.139	ng		99
51) 2,6-Dinitrotoluene	14.180	165	74083	46.520	ng		98
52) Acenaphthene	14.633	154	258466	44.355	ng		99
53) 3-Nitroaniline	14.521	138	57144	33.449	ng		96
54) 2,4-Dinitrophenol	14.727	184	34249	35.120	ng		89
55) Dibenzofuran	14.968	168	433980	45.805	ng		99
56) 4-Nitrophenol	14.821	139	126104	86.523	ng	#	85
57) 2,4-Dinitrotoluene	14.968	165	103102	43.160	ng		97
58) Fluorene	15.616	166	353805	46.154	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	102994	51.945	ng		96
60) Diethylphthalate	15.380	149	353906	45.209	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	188550	48.686	ng		99
62) 4-Nitroaniline	15.686	138	61596	39.738	ng	#	83
63) Azobenzene	15.898	77	391461	45.379	ng		94
65) 4,6-Dinitro-2-methylph...	15.716	198	24496	19.767	ng		86
66) n-Nitrosodiphenylamine	15.833	169	299534	44.218	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	117768	49.023	ng		100
68) Hexachlorobenzene	16.586	284	139381	52.445	ng		99
69) Atrazine	16.786	200	121961	62.308	ng		95
70) Pentachlorophenol	16.957	266	201502	103.131	ng		100
71) Phenanthrene	17.362	178	567900	45.233	ng		99
72) Anthracene	17.457	178	572236	46.016	ng		99
73) Carbazole	17.745	167	507704	50.185	ng		100
74) Di-n-butylphthalate	18.262	149	659089	46.393	ng		98
75) Fluoranthene	19.380	202	709315	48.095	ng		96
77) Benzidine	19.592	184	152663	63.238	ng	#	90
78) Pyrene	19.745	202	760704	44.019	ng		99
80) Butylbenzylphthalate	20.621	149	318382	43.136	ng		98
81) Benzo(a)anthracene	21.486	228	779478	48.679	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	145032	28.499	ng		98
83) Chrysene	21.539	228	732982	45.064	ng		99
84) Bis(2-ethylhexyl)phtha...	21.362	149	483579	43.351	ng		99
85) Di-n-octyl phthalate	22.292	149	853829	44.469	ng		99
87) Indeno(1,2,3-cd)pyrene	26.462	276	909230	53.133	ng	#	92
88) Benzo(b)fluoranthene	23.174	252	768882	48.000	ng		98
89) Benzo(k)fluoranthene	23.227	252	751043	42.077	ng	#	97
90) Benzo(a)pyrene	23.815	252	673215	42.688	ng	#	96
91) Dibenzo(a,h)anthracene	26.474	278	755581	47.843	ng	#	94
92) Benzo(g,h,i)perylene	27.250	276	721126	47.813	ng	#	95

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

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