Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042542.D
Acq On : 01 Nov 2023 16:36
Operator : MA/JU
Sample : 05138-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
348MSD

Quant Time: Nov 01 23:43:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	50551	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	192728	20.000	ng		-0.01
39) Acenaphthene-d10	14.569	164	114617	20.000	ng		-0.01
64) Phenanthrene-d10	17.321	188	252043	20.000	ng		0.00
76) Chrysene-d12	21.503	240	268462	20.000	ng		0.00
86) Perylene-d12	23.921	264	314753	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	576721	184.123	ng		0.00
7) Phenol-d6	7.093	99	711352	165.593	ng		0.00
23) Nitrobenzene-d5	9.122	82	552110	133.543	ng		-0.01
42) 2,4,6-Tribromophenol	16.068	330	343894	229.811	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	1135928	133.358	ng		0.00
79) Terphenyl-d14	19.939	244	2145514	135.511	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	78860	52.829	ng	#	58
3) Pyridine	3.752	79	172734	40.338	ng		95
4) n-Nitrosodimethylamine	3.669	42	135494	65.750	ng		87
6) Aniline	7.269	93	152281	27.888	ng		98
8) 2-Chlorophenol	7.481	128	203359	60.211	ng		97
9) Benzaldehyde	7.087	77	45351	18.318	ng		96
10) Phenol	7.116	94	244190	55.970	ng		94
11) bis(2-Chloroethyl)ether	7.363	93	210385	57.001	ng		98
12) 1,3-Dichlorobenzene	7.798	146	226464	62.041	ng		94
13) 1,4-Dichlorobenzene	7.957	146	231441	62.650	ng		97
14) 1,2-Dichlorobenzene	8.269	146	221607	62.133	ng		99
15) Benzyl Alcohol	8.187	79	211157	69.431	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	332531	56.615	ng		99
17) 2-Methylphenol	8.375	107	173787	56.257	ng		97
18) Hexachloroethane	8.981	117	93635	64.779	ng		95
19) n-Nitroso-di-n-propyla...	8.740	70	182318	59.995	ng		94
20) 3+4-Methylphenols	8.704	107	230554	55.822	ng		99
22) Acetophenone	8.775	105	326538	67.179	ng	#	98
24) Nitrobenzene	9.169	77	270502	66.428	ng		98
25) Isophorone	9.675	82	483265	66.041	ng		98
26) 2-Nitrophenol	9.863	139	110638	62.727	ng		97
27) 2,4-Dimethylphenol	9.910	122	166001	59.298	ng		98
28) bis(2-Chloroethoxy)met...	10.163	93	279637	63.430	ng		100
29) 2,4-Dichlorophenol	10.386	162	197836	71.422	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	211220	69.581	ng		99
31) Naphthalene	10.792	128	628000	63.069	ng		99
32) Benzoic acid	10.045	122	90669	40.522	ng		94
33) 4-Chloroaniline	10.939	127	43819	11.286	ng		98
34) Hexachlorobutadiene	11.010	225	134871	73.178	ng		99
35) Caprolactam	11.775	113	57164	58.737	ng	#	88
36) 4-Chloro-3-methylphenol	12.039	107	216337	68.627	ng		99
37) 2-Methylnaphthalene	12.398	142	424262	60.500	ng		99
38) 1-Methylnaphthalene	12.616	142	414268	62.761	ng		98
40) 1,2,4,5-Tetrachloroben...	12.745	216	242122	70.710	ng		99
41) Hexachlorocyclopentadiene	12.692	237	234537	111.644	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	162305	74.005	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	177979	68.196	ng	96
46) 1,1'-Biphenyl	13.404	154	583906	66.644	ng	100
47) 2-Chloronaphthalene	13.457	162	443146	68.945	ng	100
48) 2-Nitroaniline	13.698	65	167381	63.063	ng	97
49) Acenaphthylene	14.298	152	748992	70.361	ng	99
50) Dimethylphthalate	14.039	163	571725	66.739	ng	99
51) 2,6-Dinitrotoluene	14.186	165	121991	69.096	ng	99
52) Acenaphthene	14.633	154	418136	64.723	ng	99
53) 3-Nitroaniline	14.527	138	73423	38.074	ng	97
54) 2,4-Dinitrophenol	14.727	184	102573	81.692	ng	94
55) Dibenzofuran	14.969	168	706100	67.222	ng	98
56) 4-Nitrophenol	14.827	139	201609	121.696	ng	91
57) 2,4-Dinitrotoluene	14.969	165	171944	62.921	ng	97
58) Fluorene	15.621	166	580122	68.260	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	160203	72.879	ng	97
60) Diethylphthalate	15.386	149	588425	67.800	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	296324	69.015	ng	97
62) 4-Nitroaniline	15.692	138	107295	59.158	ng	92
63) Azobenzene	15.904	77	664039	69.433	ng	96
65) 4,6-Dinitro-2-methylph...	15.716	198	81248	49.883	ng	96
66) n-Nitrosodiphenylamine	15.839	169	482776	67.932	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	170356	67.595	ng	97
68) Hexachlorobenzene	16.586	284	204418	73.317	ng	99
69) Atrazine	16.786	200	187158	91.141	ng	99
70) Pentachlorophenol	16.957	266	300229	146.468	ng	99
71) Phenanthrene	17.362	178	887240	67.360	ng	100
72) Anthracene	17.457	178	891494	68.333	ng	100
73) Carbazole	17.745	167	815706	76.856	ng	100
74) Di-n-butylphthalate	18.262	149	1092751	73.318	ng	99
75) Fluoranthene	19.380	202	1099408	71.057	ng	98
77) Benzidine	19.592	184	261715	101.630	ng	99
78) Pyrene	19.745	202	1163750	63.129	ng	99
80) Butylbenzylphthalate	20.627	149	516762	65.634	ng	99
81) Benzo(a)anthracene	21.486	228	1186016	69.435	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	294920	54.327	ng	98
83) Chrysene	21.545	228	1125966	64.895	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	798201	67.080	ng	99
85) Di-n-octyl phthalate	22.297	149	1397550	68.235	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	1440964	76.920	ng	95
88) Benzo(b)fluoranthene	23.180	252	1258765	71.784	ng	98
89) Benzo(k)fluoranthene	23.227	252	1201990	61.514	ng	99
90) Benzo(a)pyrene	23.815	252	1067119	61.811	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	1216261	68.403	ng	96
92) Benzo(g,h,i)perylene	27.250	276	1142411	69.192	ng	97

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

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