Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043024\
Data File : BM045652.D
Acq On : 30 Apr 2024 18:55
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: May 01 06:27:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 06:17:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	21104	20.000	ng		0.00
21) Naphthalene-d8	10.287	136	78136	20.000	ng		0.00
39) Acenaphthene-d10	14.175	164	44237	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	89361	20.000	ng		0.00
76) Chrysene-d12	21.162	240	97576	20.000	ng		0.00
86) Perylene-d12	23.345	264	134599	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.152	112	233050	163.664	ng		0.00
7) Phenol-d6	6.716	99	287010	171.595	ng		0.00
23) Nitrobenzene-d5	8.687	82	296544	176.357	ng		0.00
42) 2,4,6-Tribromophenol	15.686	330	96769	190.601	ng		0.00
45) 2-Fluorobiphenyl	12.786	172	575474	177.384	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.169	88	44805	78.120	ng		97
3) Pyridine	3.552	79	105192	78.540	ng		96
4) n-Nitrosodimethylamine	3.481	42	73599	84.374	ng	#	90
6) Aniline	6.875	93	126285	81.938	ng		94
8) 2-Chlorophenol	7.093	128	114183	82.757	ng		99
9) Benzaldehyde	6.699	77	67753	65.748	ng		97
10) Phenol	6.740	94	138769	81.825	ng		96
11) bis(2-Chloroethyl)ether	6.975	93	103016	80.548	ng		96
12) 1,3-Dichlorobenzene	7.404	146	126504	78.526	ng		92
13) 1,4-Dichlorobenzene	7.557	146	126955	78.204	ng		96
14) 1,2-Dichlorobenzene	7.863	146	121890	78.320	ng		96
15) Benzyl Alcohol	7.781	79	91710	84.026	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.057	45	109333	77.183	ng		97
17) 2-Methylphenol	7.969	107	89079	81.063	ng		98
18) Hexachloroethane	8.563	117	55341	77.431	ng		93
19) n-Nitroso-di-n-propyla...	8.340	70	85988	90.157	ng	#	92
20) 3+4-Methylphenols	8.304	107	125185	86.811	ng		98
22) Acetophenone	8.351	105	170713	87.457	ng	#	99
24) Nitrobenzene	8.728	77	142540	83.084	ng		99
25) Isophorone	9.245	82	222182	87.768	ng		98
26) 2-Nitrophenol	9.428	139	58879	81.987	ng		96
27) 2,4-Dimethylphenol	9.487	122	67461	86.642	ng		92
28) bis(2-Chloroethoxy)met...	9.734	93	127310	87.359	ng		98
29) 2,4-Dichlorophenol	9.951	162	95239	90.479	ng		96
30) 1,2,4-Trichlorobenzene	10.151	180	102844	83.155	ng		96
31) Naphthalene	10.339	128	336494	83.838	ng		98
32) Benzoic acid	9.687	122	77613	80.179	ng		92
33) 4-Chloroaniline	10.481	127	120934	88.529	ng		98
34) Hexachlorobutadiene	10.598	225	56989	82.333	ng		98
35) Caprolactam	11.310	113	30077	81.965	ng		98
36) 4-Chloro-3-methylphenol	11.604	107	97953	90.149	ng		91
37) 2-Methylnaphthalene	11.963	142	216294	87.063	ng		97
38) 1-Methylnaphthalene	12.181	142	214079	84.606	ng		99
40) 1,2,4,5-Tetrachloroben...	12.333	216	91458	80.716	ng		99
41) Hexachlorocyclopentadiene	12.292	237	31448	80.227	ng		95
43) 2,4,6-Trichlorophenol	12.592	196	67501	89.064	ng		97

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44) 2,4,5-Trichlorophenol	12.675	196	74074	86.046	ng		98
46) 1,1'-Biphenyl	12.998	154	265805	81.170	ng		97
47) 2-Chloronaphthalene	13.039	162	210820	80.854	ng		100
48) 2-Nitroaniline	13.280	65	72288	89.744	ng		96
49) Acenaphthylene	13.898	152	331742	86.284	ng		100
50) Dimethylphthalate	13.663	163	249844	83.924	ng		97
51) 2,6-Dinitrotoluene	13.792	165	55982	86.073	ng		93
52) Acenaphthene	14.245	154	198009	82.753	ng		96
53) 3-Nitroaniline	14.127	138	62671	80.611	ng		98
54) 2,4-Dinitrophenol	14.345	184	30249	81.280	ng		92
55) Dibenzofuran	14.586	168	320526	86.180	ng		99
56) 4-Nitrophenol	14.445	139	51700	99.841	ng		94
57) 2,4-Dinitrotoluene	14.592	165	85421	96.891	ng	#	97
58) Fluorene	15.239	166	282438	91.558	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.816	232	57183	87.644	ng		99
60) Diethylphthalate	15.033	149	267028	82.343	ng		96
61) 4-Chlorophenyl-phenyle...	15.239	204	122902	91.222	ng		96
62) 4-Nitroaniline	15.304	138	62474	80.283	ng		95
63) Azobenzene	15.533	77	320208	85.642	ng		97
65) 4,6-Dinitro-2-methylph...	15.357	198	41349	94.837	ng		98
66) n-Nitrosodiphenylamine	15.469	169	202149	83.373	ng		98
67) 4-Bromophenyl-phenylether	16.139	248	66369	82.044	ng		94
68) Hexachlorobenzene	16.239	284	84048	82.720	ng		92
69) Atrazine	16.439	200	57278	79.919	ng		99
70) Pentachlorophenol	16.598	266	54955	90.542	ng		96
71) Phenanthrene	16.986	178	369664	82.789	ng		98
72) Anthracene	17.080	178	369518	83.383	ng		97
73) Carbazole	17.368	167	381601	84.303	ng		97
74) Di-n-butylphthalate	17.933	149	473113	87.294	ng		99
75) Fluoranthene	19.021	202	458435	83.726	ng		98
77) Benzidine	19.233	184	151713	92.583	ng		98
78) Pyrene	19.386	202	496763	86.199	ng		99
80) Butylbenzylphthalate	20.315	149	243842	91.935	ng		93
81) Benzo(a)anthracene	21.151	228	528149	87.684	ng		97
82) 3,3'-Dichlorobenzidine	21.098	252	224115	98.250	ng		98
83) Chrysene	21.203	228	505569	85.906	ng		97
85) Di-n-octyl phthalate	21.962	149	669210	93.895	ng		99
87) Indeno(1,2,3-cd)pyrene	25.533	276	926413	90.227	ng		100
88) Benzo(b)fluoranthene	22.698	252	637326	87.207	ng		99
89) Benzo(k)fluoranthene	22.745	252	610340	87.247	ng		98
90) Benzo(a)pyrene	23.256	252	565837	85.559	ng		99
91) Dibenzo(a,h)anthracene	25.544	278	783749	92.133	ng		99
92) Benzo(g,h,i)perylene	26.191	276	707449	81.817	ng		99

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

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