Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037246.D
Acq On : 26 Oct 2022 20:24
Operator : CG/JU
Sample : PB148383BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB148383BSD

Quant Time: Oct 27 07:51:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 04:49:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	28548	20.000	ng		0.00
21) Naphthalene-d8	10.686	136	153607	20.000	ng		0.00
39) Acenaphthene-d10	14.522	164	127863	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	351897	20.000	ng		0.00
76) Chrysene-d12	21.439	240	589627	20.000	ng		0.00
86) Perylene-d12	23.803	264	739570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	205103	147.298	ng		0.00
7) Phenol-d6	7.051	99	310206	160.962	ng		0.00
23) Nitrobenzene-d5	9.051	82	246427	91.585	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	199953	126.152	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	747964	82.613	ng		0.00
79) Terphenyl-d14	19.880	244	2338934	81.149	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	24795	43.430	ng		96
3) Pyridine	3.752	79	75356	45.073	ng		98
4) n-Nitrosodimethylamine	3.652	42	37219	53.234	ng	#	97
6) Aniline	7.216	93	138916	57.850	ng		99
8) 2-Chlorophenol	7.451	128	119445	64.873	ng		99
9) Benzaldehyde	7.028	77	52762m	49.628	ng		
10) Phenol	7.081	94	169555	78.960	ng		98
11) bis(2-Chloroethyl)ether	7.316	93	97594	55.936	ng		98
12) 1,3-Dichlorobenzene	7.775	146	100477	48.796	ng		99
13) 1,4-Dichlorobenzene	7.922	146	104353	49.074	ng		100
14) 1,2-Dichlorobenzene	8.240	146	107252	52.134	ng		98
15) Benzyl Alcohol	8.134	79	104941m	72.053	ng		
16) 2,2'-oxybis(1-Chloropr...	8.422	45	125494	54.792	ng		98
17) 2-Methylphenol	8.334	107	108710	72.608	ng		98
18) Hexachloroethane	8.963	117	33774	45.820	ng		97
19) n-Nitroso-di-n-propyla...	8.698	70	85180	61.111	ng		98
20) 3+4-Methylphenols	8.663	107	154636	74.835	ng		100
22) Acetophenone	8.716	105	172903	48.123	ng	#	98
24) Nitrobenzene	9.098	77	129430	47.034	ng		98
25) Isophorone	9.622	82	244344	52.275	ng		100
26) 2-Nitrophenol	9.804	139	55380	44.073	ng		97
27) 2,4-Dimethylphenol	9.863	122	129881	67.676	ng		97
28) bis(2-Chloroethoxy)met...	10.104	93	151808	53.816	ng		99
29) 2,4-Dichlorophenol	10.339	162	135994	57.672	ng		98
30) 1,2,4-Trichlorobenzene	10.551	180	111904	42.537	ng		99
31) Naphthalene	10.739	128	384953	46.951	ng		100
32) Benzoic acid	9.969	122	79888	46.547	ng		98
33) 4-Chloroaniline	10.857	127	154967	48.119	ng		97
34) Hexachlorobutadiene	11.016	225	63327	38.086	ng		98
35) Caprolactam	11.651	113	54543	77.962	ng		97
36) 4-Chloro-3-methylphenol	11.981	107	153868	67.316	ng		97
37) 2-Methylnaphthalene	12.345	142	291324	51.713	ng		98
38) 1-Methylnaphthalene	12.569	142	286064	51.727	ng		98
40) 1,2,4,5-Tetrachloroben...	12.710	216	162126	41.206	ng		99
41) Hexachlorocyclopentadiene	12.686	237	142386	72.192	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	120709	46.262	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	143698	49.700	ng	99
46) 1,1'-Biphenyl	13.357	154	431019	45.797	ng	100
47) 2-Chloronaphthalene	13.398	162	330698	44.301	ng	98
48) 2-Nitroaniline	13.610	65	106674	54.296	ng	94
49) Acenaphthylene	14.245	152	576319	49.213	ng	99
50) Dimethylphthalate	13.986	163	496992	53.269	ng	100
51) 2,6-Dinitrotoluene	14.104	165	106458	54.915	ng	97
52) Acenaphthene	14.580	154	343905	47.690	ng	98
53) 3-Nitroaniline	14.439	138	104957	50.232	ng	100
54) 2,4-Dinitrophenol	14.645	184	141548	102.852	ng	94
55) Dibenzofuran	14.916	168	600806	52.007	ng	99
56) 4-Nitrophenol	14.745	139	259872	150.753	ng	97
57) 2,4-Dinitrotoluene	14.892	165	161264	56.230	ng	97
58) Fluorene	15.563	166	503772	53.492	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	144183	55.137	ng	98
60) Diethylphthalate	15.339	149	515059	56.474	ng	100
61) 4-Chlorophenyl-phenyle...	15.563	204	244521	52.157	ng	99
62) 4-Nitroaniline	15.598	138	141108	58.743	ng	98
63) Azobenzene	15.851	77	443553	54.125	ng	98
65) 4,6-Dinitro-2-methylph...	15.651	198	90608	39.549	ng	98
66) n-Nitrosodiphenylamine	15.774	169	460081	44.281	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	157661	41.783	ng	96
68) Hexachlorobenzene	16.563	284	202963	44.436	ng	98
69) Atrazine	16.727	200	187369	61.098	ng	100
70) Pentachlorophenol	16.910	266	291304	106.708	ng	99
71) Phenanthrene	17.304	178	944541	48.175	ng	99
72) Anthracene	17.392	178	944874	50.463	ng	100
73) Carbazole	17.668	167	1003307	58.812	ng	99
74) Di-n-butylphthalate	18.227	149	975032	49.183	ng	99
75) Fluoranthene	19.315	202	1324916	58.540	ng	99
77) Benzidine	19.509	184	981119	112.374	ng	100
78) Pyrene	19.674	202	1463024	37.571	ng	100
80) Butylbenzylphthalate	20.574	149	565290	40.296	ng	100
81) Benzo(a)anthracene	21.421	228	1799548	47.220	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	639591	57.110	ng	100
83) Chrysene	21.474	228	1740978	47.610	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	883767	43.754	ng	100
85) Di-n-octyl phthalate	22.262	149	1644654	50.559	ng	100
87) Indeno(1,2,3-cd)pyrene	26.268	276	3139252	64.384	ng	99
88) Benzo(b)fluoranthene	23.086	252	2310502	48.884	ng	100
89) Benzo(k)fluoranthene	23.133	252	2193328	45.001	ng	99
90) Benzo(a)pyrene	23.697	252	2046159	53.632	ng	100
91) Dibenzo(a,h)anthracene	26.280	278	2794215	68.087	ng	99
92) Benzo(g,h,i)perylene	27.021	276	2781488	72.018	ng	99

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

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