Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032879.D
Acq On : 04 Nov 2021 17:36
Operator : CG/JU
Sample : M4475-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB02BMSD

Quant Time: Nov 07 08:49:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.484	152	117836	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	445926	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	253160	20.000	ng		0.00
64) Phenanthrene-d10	16.883	188	477905	20.000	ng		-0.01
76) Chrysene-d12	21.071	240	413010	20.000	ng		0.00
86) Perylene-d12	23.177	264	439354	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	810635	119.934	ng		0.00
7) Phenol-d6	6.695	99	990309	98.387	ng		0.00
23) Nitrobenzene-d5	8.642	82	635159	77.959	ng		0.00
42) 2,4,6-Tribromophenol	15.642	330	301869	106.471	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1280534	78.452	ng		0.00
79) Terphenyl-d14	19.512	244	1437781	76.004	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.919	88	130227	51.199	ng		89
3) Pyridine	3.325	79	294502	37.190	ng		91
4) n-Nitrosodimethylamine	3.237	42	162459	48.344	ng	#	66
6) Aniline	6.819	93	259129	23.057	ng		93
8) 2-Chlorophenol	7.060	128	365708	46.437	ng		94
9) Benzaldehyde	6.619	77	220295	38.779	ng		88
10) Phenol	6.719	94	443147	45.870	ng		85
11) bis(2-Chloroethyl)ether	6.913	93	337897	44.298	ng		95
12) 1,3-Dichlorobenzene	7.378	146	414609	47.648	ng	#	92
13) 1,4-Dichlorobenzene	7.519	146	416890	46.766	ng		98
14) 1,2-Dichlorobenzene	7.842	146	402756	45.913	ng		96
15) Benzyl Alcohol	7.737	79	316660	44.197	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.025	45	466506	42.548	ng		98
17) 2-Methylphenol	7.960	107	292637	43.121	ng	#	91
18) Hexachloroethane	8.566	117	153985	48.851	ng	#	88
19) n-Nitroso-di-n-propyla...	8.301	70	247849	40.217	ng	#	86
20) 3+4-Methylphenols	8.284	107	379552	40.862	ng		95
22) Acetophenone	8.307	105	509226	46.749	ng	#	90
24) Nitrobenzene	8.684	77	387913	49.693	ng	#	90
25) Isophorone	9.207	82	648892	45.072	ng		96
26) 2-Nitrophenol	9.395	139	189236	51.927	ng	#	76
27) 2,4-Dimethylphenol	9.478	122	302620	50.468	ng		96
28) bis(2-Chloroethoxy)met...	9.689	93	415888	43.236	ng		100
29) 2,4-Dichlorophenol	9.930	162	321045	46.685	ng		96
30) 1,2,4-Trichlorobenzene	10.142	180	365110	47.771	ng		98
31) Naphthalene	10.319	128	1083176	46.796	ng		99
32) Benzoic acid	9.648	122	208249	42.945	ng	#	83
33) 4-Chloroaniline	10.436	127	145403	15.044	ng		94
34) Hexachlorobutadiene	10.625	225	223736	48.155	ng		97
35) Caprolactam	11.207	113	92424	40.080	ng	#	85
36) 4-Chloro-3-methylphenol	11.589	107	332980	42.327	ng		98
37) 2-Methylnaphthalene	11.942	142	750286	46.121	ng		94
38) 1-Methylnaphthalene	12.166	142	687089	42.704	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.330	216	363673	51.962	ng		96
41) Hexachlorocyclopentadiene	12.313	237	457548	124.486	ng		99
43) 2,4,6-Trichlorophenol	12.577	196	245552	50.137	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.648	196	263011	48.593	ng	#	92
46) 1,1'-Biphenyl	12.971	154	893874	48.860	ng		99
47) 2-Chloronaphthalene	13.013	162	709361	50.505	ng		98
48) 2-Nitroaniline	13.224	65	209342	50.726	ng	#	81
49) Acenaphthylene	13.866	152	1121001	49.745	ng		99
50) Dimethylphthalate	13.613	163	829714	45.044	ng		100
51) 2,6-Dinitrotoluene	13.724	165	184077	48.892	ng	#	65
52) Acenaphthene	14.213	154	651050	48.501	ng		98
53) 3-Nitroaniline	14.054	138	94267	23.006	ng		88
54) 2,4-Dinitrophenol	14.265	184	184474	72.033	ng	#	66
55) Dibenzofuran	14.548	168	1036876	46.012	ng		94
56) 4-Nitrophenol	14.395	139	306545	91.813	ng	#	71
57) 2,4-Dinitrotoluene	14.518	165	244019	47.846	ng	#	61
58) Fluorene	15.201	166	788357	46.663	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.789	232	214994	44.309	ng	#	84
60) Diethylphthalate	14.983	149	805393	43.618	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	390658	43.736	ng		94
62) 4-Nitroaniline	15.224	138	171968	39.926	ng	#	74
63) Azobenzene	15.483	77	791462	44.800	ng		88
65) 4,6-Dinitro-2-methylph...	15.289	198	121836	40.443	ng	#	76
66) n-Nitrosodiphenylamine	15.412	169	697796	49.807	ng		97
67) 4-Bromophenyl-phenylether	16.083	248	239003	48.663	ng		94
68) Hexachlorobenzene	16.212	284	264118	49.065	ng	#	85
69) Atrazine	16.359	200	239340	50.885	ng		96
70) Pentachlorophenol	16.554	266	318672	94.602	ng		99
71) Phenanthrene	16.930	178	1214434	47.925	ng		99
72) Anthracene	17.018	178	1231789	49.249	ng		100
73) Carbazole	17.289	167	1105419	44.351	ng		98
74) Di-n-butylphthalate	17.853	149	1311608	47.987	ng	#	98
75) Fluoranthene	18.942	202	1334075	45.887	ng		97
77) Benzidine	19.130	184	560165	49.491	ng		99
78) Pyrene	19.306	202	1353791	48.927	ng		99
80) Butylbenzylphthalate	20.212	149	550531	49.502	ng		89
81) Benzo(a)anthracene	21.053	228	1210397	45.936	ng		99
82) 3,3'-Dichlorobenzidine	20.994	252	310370	37.518	ng		99
83) Chrysene	21.106	228	1213085	46.861	ng		99
84) Bis(2-ethylhexyl)phtha...	20.989	149	772619	52.080	ng		95
85) Di-n-octyl phthalate	21.824	149	1342429	50.739	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.259	276	1509460	55.588	ng		96
88) Benzo(b)fluoranthene	22.559	252	1283885	47.996	ng		99
89) Benzo(k)fluoranthene	22.600	252	1237642	47.464	ng		99
90) Benzo(a)pyrene	23.088	252	1261801	57.090	ng		99
91) Dibenzo(a,h)anthracene	25.265	278	1287649	56.946	ng		96
92) Benzo(g,h,i)perylene	25.900	276	1335564	59.383	ng	#	96

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

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