Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110121\
Data File : BM032842.D
Acq On : 01 Nov 2021 20:51
Operator : CG/JU
Sample : PB140379BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB140379BS

Quant Time: Nov 02 00:08:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 18:47:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.496	152	139817	20.000	ng		0.00
21) Naphthalene-d8	10.278	136	655427	20.000	ng	#	0.00
39) Acenaphthene-d10	14.160	164	435621	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	857492	20.000	ng	#	0.00
76) Chrysene-d12	21.077	240	722608	20.000	ng	#	0.00
86) Perylene-d12	23.189	264	606536	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.090	112	980650	128.433	ng		0.00
7) Phenol-d6	6.707	99	1436958	119.863	ng		0.00
23) Nitrobenzene-d5	8.654	82	939457	73.675	ng		0.00
42) 2,4,6-Tribromophenol	15.654	330	499990	106.054	ng		0.00
45) 2-Fluorobiphenyl	12.772	172	2133649	74.798	ng		0.00
79) Terphenyl-d14	19.524	244	2691316	76.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.919	88	59348	28.165	ng		94
3) Pyridine	3.325	79	166837	23.175	ng		92
4) n-Nitrosodimethylamine	3.237	42	107861	34.800	ng	#	71
6) Aniline	6.825	93	534911	39.723	ng		95
8) 2-Chlorophenol	7.072	128	421849	45.511	ng		97
9) Benzaldehyde	6.631	77	237397	38.420	ng		92
10) Phenol	6.731	94	546848	47.311	ng		87
11) bis(2-Chloroethyl)ether	6.925	93	387355	41.770	ng		97
12) 1,3-Dichlorobenzene	7.384	146	415254	40.441	ng	#	93
13) 1,4-Dichlorobenzene	7.531	146	426566	40.614	ng		97
14) 1,2-Dichlorobenzene	7.848	146	420181	40.189	ng		96
15) Benzyl Alcohol	7.748	79	392749	45.516	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.031	45	598360	42.535	ng		97
17) 2-Methylphenol	7.966	107	375875	46.393	ng		92
18) Hexachloroethane	8.572	117	165884	41.273	ng		93
19) n-Nitroso-di-n-propyla...	8.307	70	324352	42.703	ng		92
20) 3+4-Methylphenols	8.295	107	503804	45.643	ng		96
22) Acetophenone	8.319	105	640872	39.011	ng		92
24) Nitrobenzene	8.695	77	496033	40.853	ng		92
25) Isophorone	9.213	82	894052	40.674	ng		97
26) 2-Nitrophenol	9.401	139	227354	40.984	ng	#	78
27) 2,4-Dimethylphenol	9.484	122	423916	48.800	ng		96
28) bis(2-Chloroethoxy)met...	9.701	93	559883	39.264	ng		99
29) 2,4-Dichlorophenol	9.942	162	434230	44.190	ng		96
30) 1,2,4-Trichlorobenzene	10.148	180	430553	38.697	ng		99
31) Naphthalene	10.325	128	1355156	39.748	ng		100
32) Benzoic acid	9.684	122	291566	40.306	ng	#	85
33) 4-Chloroaniline	10.442	127	417244	29.810	ng		96
34) Hexachlorobutadiene	10.631	225	257497	37.716	ng		97
35) Caprolactam	11.225	113	137768	41.191	ng		95
36) 4-Chloro-3-methylphenol	11.595	107	481653	42.866	ng		99
37) 2-Methylnaphthalene	11.948	142	1000191	42.623	ng		95
38) 1-Methylnaphthalene	12.172	142	926625	40.137	ng		97
40) 1,2,4,5-Tetrachloroben...	12.336	216	474236	38.857	ng		98
41) Hexachlorocyclopentadiene	12.325	237	640211	93.233	ng		98
43) 2,4,6-Trichlorophenol	12.583	196	345932	41.141	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.660	196	379882	41.640	ng	#	92
46) 1,1'-Biphenyl	12.983	154	1246695	39.156	ng		99
47) 2-Chloronaphthalene	13.019	162	983574	40.286	ng		99
48) 2-Nitroaniline	13.230	65	315587	41.695	ng		87
49) Acenaphthylene	13.872	152	1615067	41.257	ng		100
50) Dimethylphthalate	13.619	163	1233266	39.696	ng		99
51) 2,6-Dinitrotoluene	13.736	165	272652	42.299	ng	#	66
52) Acenaphthene	14.225	154	938620	40.158	ng		98
53) 3-Nitroaniline	14.066	138	218412	30.792	ng		89
54) 2,4-Dinitrophenol	14.272	184	314700	73.133	ng	#	71
55) Dibenzofuran	14.560	168	1521424	39.081	ng		94
56) 4-Nitrophenol	14.407	139	479466	84.070	ng	#	72
57) 2,4-Dinitrotoluene	14.524	165	374850	43.142	ng	#	67
58) Fluorene	15.207	166	1158400	39.892	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.795	232	323907	39.850	ng	#	85
60) Diethylphthalate	14.989	149	1240192	39.980	ng		97
61) 4-Chlorophenyl-phenyle...	15.201	204	568873	37.264	ng		95
62) 4-Nitroaniline	15.236	138	283759	38.942	ng	#	75
63) Azobenzene	15.495	77	1272216	40.426	ng		88
65) 4,6-Dinitro-2-methylph...	15.295	198	195517	37.823	ng		83
66) n-Nitrosodiphenylamine	15.419	169	1054890	41.900	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	362338	41.253	ng		94
68) Hexachlorobenzene	16.224	284	397816	41.084	ng	#	85
69) Atrazine	16.371	200	360100	43.652	ng		95
70) Pentachlorophenol	16.566	266	487127	80.879	ng		99
71) Phenanthrene	16.936	178	1855140	40.634	ng		100
72) Anthracene	17.024	178	1910429	42.568	ng		99
73) Carbazole	17.295	167	1698920	38.281	ng		98
74) Di-n-butylphthalate	17.860	149	2002556	41.840	ng	#	98
75) Fluoranthene	18.954	202	2051560	39.757	ng		97
77) Benzidine	19.136	184	852138	48.456	ng		98
78) Pyrene	19.312	202	2127339	43.012	ng		99
80) Butylbenzylphthalate	20.218	149	844948	43.619	ng		91
81) Benzo(a)anthracene	21.059	228	1845753	39.875	ng		99
82) 3,3'-Dichlorobenzidine	21.001	252	467420	33.572	ng		100
83) Chrysene	21.112	228	1821158	40.413	ng		99
84) Bis(2-ethylhexyl)phtha...	20.995	149	1140239	44.390	ng		95
85) Di-n-octyl phthalate	21.836	149	1961360	44.030	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.277	276	1482782	39.072	ng		95
88) Benzo(b)fluoranthene	22.565	252	1733903	47.639	ng		98
89) Benzo(k)fluoranthene	22.606	252	1622915	43.635	ng		98
90) Benzo(a)pyrene	23.100	252	1553335	50.808	ng		98
91) Dibenzo(a,h)anthracene	25.277	278	1271826	40.252	ng	#	94
92) Benzo(g,h,i)perylene	25.912	276	1271671	40.372	ng	#	95

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

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