Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
Data File : BM032494.D
Acq On : 13 Oct 2021 14:01
Operator : CG/JU
Sample : M4117-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-2(4.5-5.0)MSD

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:41 AM

Quant Time: Oct 13 16:39:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 12:02:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.601	152	262535	20.00	ng		0.00
21) Naphthalene-d8	10.389	136	988895	20.00	ng		# 0.00
39) Acenaphthene-d10	14.254	164	528979	20.00	ng		0.00
64) Phenanthrene-d10	16.977	188	935269	20.00	ng		# 0.00
76) Chrysene-d12	21.147	240	739294	20.00	ng		0.00
86) Perylene-d12	23.282	264	734995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.178	112	1536103	98.58	ng		0.00
7) Phenol-d6	6.801	99	1916297	89.93	ng		0.00
23) Nitrobenzene-d5	8.760	82	1192547	67.07	ng		0.00
42) 2,4,6-Tribromophenol	15.736	330	535247	90.38	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	2365637	66.49	ng		0.00
79) Terphenyl-d14	19.595	244	2375030	67.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.990	88	267261	40.31	ng		90
3) Pyridine	3.401	79	592801	33.04	ng		94
4) n-Nitrosodimethylamine	3.313	42	305617	42.47	ng	#	58
6) Aniline	6.931	93	875484	37.18	ng		91
8) 2-Chlorophenol	7.178	128	774725	45.62	ng		92
9) Benzaldehyde	6.731	77	454222	36.52	ng		83
10) Phenol	6.825	94	918855	44.79	ng		83
11) bis(2-Chloroethyl)ether	7.025	93	736498	45.14	ng		91
12) 1,3-Dichlorobenzene	7.495	146	863824	45.13	ng	#	91
13) 1,4-Dichlorobenzene	7.636	146	882114	45.28	ng		97
14) 1,2-Dichlorobenzene	7.960	146	843148	45.09	ng		97
15) Benzyl Alcohol	7.848	79	641285	43.94	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.136	45	925612	44.78	ng		98
17) 2-Methylphenol	8.066	107	613686	44.26	ng	#	90
18) Hexachloroethane	8.689	117	329864	49.73	ng		92
19) n-Nitroso-di-n-propyla...	8.413	70	508198	43.87	ng	#	82
20) 3+4-Methylphenols	8.395	107	797836	42.65	ng		94
22) Acetophenone	8.425	105	1074504	45.09	ng	#	86
24) Nitrobenzene	8.801	77	794806	46.35	ng	#	87
25) Isophorone	9.319	82	1353544	45.81	ng		96
26) 2-Nitrophenol	9.513	139	399214	50.03	ng	#	73
27) 2,4-Dimethylphenol	9.589	122	662153	49.19	ng		94
28) bis(2-Chloroethoxy)met...	9.801	93	897815	42.26	ng		99
29) 2,4-Dichlorophenol	10.048	162	663148	44.23	ng		96
30) 1,2,4-Trichlorobenzene	10.260	180	754460	44.36	ng		99
31) Naphthalene	10.442	128	2267552	44.69	ng		100
32) Benzoic acid	9.754	122	416476	41.66	ng	#	82
33) 4-Chloroaniline	10.548	127	586112	27.98	ng	#	93
34) Hexachlorobutadiene	10.748	225	457048	44.98	ng		98
35) Caprolactam	11.313	113	185020	40.27	ng	#	79
36) 4-Chloro-3-methylphenol	11.695	107	664715	41.18	ng		96
37) 2-Methylnaphthalene	12.054	142	1543543m	44.76	ng		
38) 1-Methylnaphthalene	12.277	142	1420674	42.16	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.442	216	720445	47.28	ng		97
41) Hexachlorocyclopentadiene	12.430	237	949655	130.74	ng		99
43) 2,4,6-Trichlorophenol	12.683	196	489027	46.38	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.754	196	518439	45.75	ng	#	91
46) 1,1'-Biphenyl	13.077	154	1801529	46.15	ng		99
47) 2-Chloronaphthalene	13.118	162	1434748	47.93	ng		98
48) 2-Nitroaniline	13.324	65	390629	48.00	ng	#	76
49) Acenaphthylene	13.971	152	2214039	47.64	ng		99
50) Dimethylphthalate	13.707	163	1626728	43.55	ng		100
51) 2,6-Dinitrotoluene	13.818	165	357147	47.20	ng	#	64
52) Acenaphthene	14.318	154	1544035m	50.36	ng		
53) 3-Nitroaniline	14.148	138	272449	32.04	ng		89
54) 2,4-Dinitrophenol	14.354	184	374602	89.22	ng	#	64
55) Dibenzofuran	14.648	168	2034656	43.59	ng		93
56) 4-Nitrophenol	14.483	139	596026	85.00	ng	#	64
57) 2,4-Dinitrotoluene	14.607	165	465702	46.69	ng	#	60
58) Fluorene	15.295	166	1514734	42.67	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.883	232	414506	42.46	ng	#	84
60) Diethylphthalate	15.071	149	1551929	42.32	ng		96
61) 4-Chlorophenyl-phenyle...	15.289	204	757521	41.20	ng		92
62) 4-Nitroaniline	15.312	138	341867	40.29	ng	#	68
63) Azobenzene	15.577	77	1509109	43.23	ng		85
65) 4,6-Dinitro-2-methylph...	15.377	198	230426	43.77	ng	#	74
66) n-Nitrosodiphenylamine	15.501	169	1332799	48.26	ng		97
67) 4-Bromophenyl-phenylether	16.177	248	456985	46.95	ng		91
68) Hexachlorobenzene	16.312	284	500954	46.75	ng	#	83
69) Atrazine	16.448	200	445466	47.37	ng		94
70) Pentachlorophenol	16.648	266	592260	89.55	ng		98
71) Phenanthrene	17.018	178	2281100	46.47	ng		100
72) Anthracene	17.106	178	2303289	48.02	ng		100
73) Carbazole	17.377	167	2031972	42.66	ng		98
74) Di-n-butylphthalate	17.936	149	2414626	47.19	ng	#	97
75) Fluoranthene	19.030	202	2389893	43.90	ng		97
77) Benzidine	19.212	184	1169455	63.68	ng		99
78) Pyrene	19.395	202	2435883	48.59	ng		99
80) Butylbenzylphthalate	20.283	149	953050	50.05	ng		90
81) Benzo(a)anthracene	21.130	228	2078456	44.98	ng		98
82) 3,3'-Dichlorobenzidine	21.065	252	595355	40.90	ng		99
83) Chrysene	21.183	228	2050403	45.87	ng		99
84) Bis(2-ethylhexyl)phtha...	21.053	149	1343456	52.33	ng		95
85) Di-n-octyl phthalate	21.894	149	2268302	52.69	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.406	276	2409202	53.19	ng		96
88) Benzo(b)fluoranthene	22.653	252	2067926	46.25	ng		99
89) Benzo(k)fluoranthene	22.694	252	2003962	45.88	ng		98
90) Benzo(a)pyrene	23.194	252	2020274	55.72	ng		99
91) Dibenzo(a,h)anthracene	25.412	278	2046631	53.60	ng	#	95
92) Benzo(g,h,i)perylene	26.059	276	2134214	56.54	ng	#	94

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

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