Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032670.D
Acq On : 22 Oct 2021 11:55
Operator : CG/JU
Sample : PB139974BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB139974BSD

Manual Integrations APPROVED
mohammad
10/25/2021 1:48:16 PM

Quant Time: Oct 23 01:24:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 23 01:22:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.543	152	266951	20.000	ng		0.00
21) Naphthalene-d8	10.331	136	1061061	20.000	ng	#	0.00
39) Acenaphthene-d10	14.207	164	634285	20.000	ng		0.00
64) Phenanthrene-d10	16.936	188	1156695	20.000	ng	#	0.00
76) Chrysene-d12	21.118	240	753169	20.000	ng		0.00
86) Perylene-d12	23.247	264	666355	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.125	112	1452323	91.666	ng		0.00
7) Phenol-d6	6.748	99	1824508	84.209	ng		0.00
23) Nitrobenzene-d5	8.701	82	1735936	90.993	ng		0.00
42) 2,4,6-Tribromophenol	15.695	330	540875	76.171	ng		0.00
45) 2-Fluorobiphenyl	12.819	172	3526716	82.670	ng		0.00
79) Terphenyl-d14	19.565	244	3892003	108.829	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.949	88	216978	32.181	ng		90
3) Pyridine	3.355	79	534932	29.320	ng		93
4) n-Nitrosodimethylamine	3.266	42	311391	42.557	ng	#	63
6) Aniline	6.872	93	1043928	43.605	ng		92
8) 2-Chlorophenol	7.119	128	808433	46.816	ng		93
9) Benzaldehyde	6.672	77	482148	38.128	ng		85
10) Phenol	6.778	94	987569	47.339	ng		82
11) bis(2-Chloroethyl)ether	6.966	93	744596	44.880	ng		95
12) 1,3-Dichlorobenzene	7.431	146	834977	42.897	ng	#	91
13) 1,4-Dichlorobenzene	7.578	146	859476	43.387	ng		97
14) 1,2-Dichlorobenzene	7.895	146	822347	43.247	ng		96
15) Benzyl Alcohol	7.795	79	684612	46.135	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.084	45	1020170	48.535	ng		97
17) 2-Methylphenol	8.013	107	664018	47.101	ng	#	90
18) Hexachloroethane	8.625	117	311864	46.241	ng		91
19) n-Nitroso-di-n-propyla...	8.360	70	540242	45.861	ng	#	84
20) 3+4-Methylphenols	8.342	107	864412	45.449	ng		97
22) Acetophenone	8.366	105	1128390	44.126	ng	#	88
24) Nitrobenzene	8.742	77	855744	46.508	ng	#	89
25) Isophorone	9.266	82	1487896	46.936	ng		95
26) 2-Nitrophenol	9.454	139	425165	49.661	ng	#	74
27) 2,4-Dimethylphenol	9.531	122	731595	50.653	ng		94
28) bis(2-Chloroethoxy)met...	9.748	93	970120	42.561	ng		99
29) 2,4-Dichlorophenol	9.995	162	746825	46.425	ng		95
30) 1,2,4-Trichlorobenzene	10.201	180	782904	42.905	ng		97
31) Naphthalene	10.378	128	2372778	43.581	ng		99
32) Benzoic acid	9.731	122	501198	46.143	ng	#	82
33) 4-Chloroaniline	10.495	127	816468	36.329	ng	#	94
34) Hexachlorobutadiene	10.683	225	466006	42.740	ng		97
35) Caprolactam	11.278	113	227901	46.229	ng	#	84
36) 4-Chloro-3-methylphenol	11.648	107	778476	44.950	ng		95
37) 2-Methylnaphthalene	12.001	142	1676641m	45.313	ng		
38) 1-Methylnaphthalene	12.225	142	1544167	42.707	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.389	216	781170	42.755	ng		97
41) Hexachlorocyclopentadiene	12.377	237	939985	107.922	ng		97
43) 2,4,6-Trichlorophenol	12.630	196	569203	45.025	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.707	196	613517	45.148	ng	#	91
46) 1,1'-Biphenyl	13.030	154	1997258	42.671	ng		99
47) 2-Chloronaphthalene	13.072	162	1597869	44.515	ng		97
48) 2-Nitroaniline	13.277	65	483331	49.528	ng	#	80
49) Acenaphthylene	13.924	152	2518583	45.193	ng		99
50) Dimethylphthalate	13.666	163	1948355	43.498	ng		100
51) 2,6-Dinitrotoluene	13.777	165	440024	48.498	ng	#	63
52) Acenaphthene	14.271	154	1753721m	47.702	ng		
53) 3-Nitroaniline	14.113	138	386672	37.926	ng		84
54) 2,4-Dinitrophenol	14.319	184	473868	94.123	ng	#	63
55) Dibenzofuran	14.607	168	2323000	41.509	ng		93
56) 4-Nitrophenol	14.448	139	742965	88.369	ng	#	68
57) 2,4-Dinitrotoluene	14.571	165	581452	48.616	ng	#	60
58) Fluorene	15.254	166	1699567	39.932	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.842	232	495120	42.293	ng	#	84
60) Diethylphthalate	15.036	149	1920883	43.684	ng		96
61) 4-Chlorophenyl-phenyle...	15.248	204	847955	38.460	ng		93
62) 4-Nitroaniline	15.277	138	430112	42.271	ng	#	71
63) Azobenzene	15.542	77	1810407	43.250	ng		85
65) 4,6-Dinitro-2-methylph...	15.342	198	294475	45.231	ng	#	73
66) n-Nitrosodiphenylamine	15.466	169	1584447	46.392	ng		97
67) 4-Bromophenyl-phenylether	16.136	248	540573	44.902	ng		93
68) Hexachlorobenzene	16.271	284	587731	44.349	ng	#	83
69) Atrazine	16.413	200	554657	47.686	ng		96
70) Pentachlorophenol	16.607	266	706168	86.334	ng		98
71) Phenanthrene	16.983	178	2638872	43.466	ng		100
72) Anthracene	17.071	178	2684543	45.253	ng		99
73) Carbazole	17.342	167	2379761	40.397	ng		98
74) Di-n-butylphthalate	17.901	149	3050438	48.201	ng	#	98
75) Fluoranthene	18.995	202	2731467	40.573	ng		96
77) Benzidine	19.177	184	1443470	77.152	ng		98
78) Pyrene	19.359	202	2711049	53.082	ng		99
80) Butylbenzylphthalate	20.253	149	1164060	60.008	ng		92
81) Benzo(a)anthracene	21.100	228	2113425	44.892	ng		99
82) 3,3'-Dichlorobenzidine	21.036	252	650849	43.887	ng		100
83) Chrysene	21.153	228	2051508	45.045	ng		100
84) Bis(2-ethylhexyl)phtha...	21.030	149	1555655	59.479	ng		95
85) Di-n-octyl phthalate	21.871	149	2505180	57.117	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.365	276	2134392	51.980	ng		95
88) Benzo(b)fluoranthene	22.618	252	2028852	50.052	ng		98
89) Benzo(k)fluoranthene	22.659	252	1820988	45.987	ng		98
90) Benzo(a)pyrene	23.159	252	1868986	56.857	ng		98
91) Dibenzo(a,h)anthracene	25.371	278	1828049	52.806	ng	#	95
92) Benzo(g,h,i)perylene	26.012	276	1901098	55.549	ng	#	95

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

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