Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029632.D
Acq On : 24 Apr 2021 11:40
Operator : CG/JU
Sample : PB135937BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135937BS

Manual Integrations APPROVED
mohammad
4/26/2021 11:38:59 AM

Quant Time: Apr 26 05:54:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152	74147	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	281402	20.00	ng		-0.01
39) Acenaphthene-d10	14.274	164	190630	20.00	ng		0.00
64) Phenanthrene-d10	17.015	188	369791	20.00	ng		0.00
76) Chrysene-d12	21.197	240	350713	20.00	ng		0.00
86) Perylene-d12	23.386	264	344641	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.222	112	505089	136.57	ng		0.00
7) Phenol-d6	6.810	99	651441	117.93	ng		0.00
23) Nitrobenzene-d5	8.781	82	429828	78.67	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	307273	116.55	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	1180807	84.07	ng		-0.01
79) Terphenyl-d14	19.651	244	1569674	84.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.157	88	46585	31.24	ng		96
3) Pyridine	3.557	79	127879	33.65	ng		99
4) n-Nitrosodimethylamine	3.469	42	74502	39.95	ng		90
6) Aniline	6.963	93	227606	37.48	ng		99
8) 2-Chlorophenol	7.192	128	201668	43.86	ng		99
9) Benzaldehyde	6.775	77	69068	21.99	ng		98
10) Phenol	6.834	94	239541	44.75	ng		99
11) bis(2-Chloroethyl)ether	7.057	93	172150	42.15	ng		98
12) 1,3-Dichlorobenzene	7.516	146	223918	42.25	ng		95
13) 1,4-Dichlorobenzene	7.663	146	228044	42.03	ng		99
14) 1,2-Dichlorobenzene	7.975	146	221586	40.96	ng		97
15) Benzyl Alcohol	7.869	79	171278	42.67	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.157	45	206854	38.42	ng		99
17) 2-Methylphenol	8.075	107	163647	43.87	ng		97
18) Hexachloroethane	8.692	117	80936	41.30	ng		92
19) n-Nitroso-di-n-propyla...	8.434	70	148011	36.74	ng		95
20) 3+4-Methylphenols	8.404	107	220294	42.94	ng		99
22) Acetophenone	8.451	105	285896	42.38	ng	#	98
24) Nitrobenzene	8.822	77	220780	39.95	ng		99
25) Isophorone	9.351	82	400516	39.01	ng		99
26) 2-Nitrophenol	9.528	139	108299	41.24	ng		97
27) 2,4-Dimethylphenol	9.598	122	182510	49.49	ng		98
28) bis(2-Chloroethoxy)met...	9.828	93	230571	45.45	ng		99
29) 2,4-Dichlorophenol	10.063	162	217840	44.78	ng		98
30) 1,2,4-Trichlorobenzene	10.275	180	241667	43.13	ng		99
31) Naphthalene	10.457	128	591459	40.88	ng		99
32) Benzoic acid	9.745	122	120006	38.79	ng		99
33) 4-Chloroaniline	10.575	127	114977	20.15	ng		95
34) Hexachlorobutadiene	10.739	225	156271	43.80	ng		95
35) Caprolactam	11.357	113	53394m	36.25	ng		
36) 4-Chloro-3-methylphenol	11.704	107	194569	40.92	ng		98
37) 2-Methylnaphthalene	12.075	142	457229	39.47	ng		99
38) 1-Methylnaphthalene	12.298	142	427524	38.71	ng		100
40) 1,2,4,5-Tetrachloroben...	12.451	216	275651	48.22	ng		100
41) Hexachlorocyclopentadiene	12.427	237	364994	114.41	ng		99
43) 2,4,6-Trichlorophenol	12.698	196	188264	47.90	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.769	196	198715	45.80	ng	97
46) 1,1'-Biphenyl	13.104	154	614202	44.07	ng	99
47) 2-Chloronaphthalene	13.139	162	482175	43.24	ng	99
48) 2-Nitroaniline	13.351	65	119949	39.06	ng	98
49) Acenaphthylene	13.992	152	772467	45.18	ng	99
50) Dimethylphthalate	13.739	163	589633	40.93	ng	100
51) 2,6-Dinitrotoluene	13.857	165	129709	40.90	ng	91
52) Acenaphthene	14.339	154	455623	42.54	ng	99
53) 3-Nitroaniline	14.186	138	73377	26.35	ng	93
54) 2,4-Dinitrophenol	14.398	184	156243	77.43	ng	90
55) Dibenzofuran	14.674	168	727391	40.22	ng	97
56) 4-Nitrophenol	14.504	139	189847	80.92	ng	99
57) 2,4-Dinitrotoluene	14.645	165	173513	40.51	ng	96
58) Fluorene	15.321	166	604969	39.84	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.904	232	166941	43.25	ng	95
60) Diethylphthalate	15.110	149	569214	40.25	ng	98
61) 4-Chlorophenyl-phenyle...	15.321	204	321228	41.81	ng	99
62) 4-Nitroaniline	15.351	138	106958	34.86	ng	95
63) Azobenzene	15.615	77	507283	37.78	ng	96
65) 4,6-Dinitro-2-methylph...	15.410	198	94437	38.42	ng	100
66) n-Nitrosodiphenylamine	15.539	169	508908	44.52	ng	99
67) 4-Bromophenyl-phenylether	16.215	248	179733	46.55	ng	96
68) Hexachlorobenzene	16.327	284	200771	45.73	ng	97
69) Atrazine	16.492	200	188851	46.30	ng	98
70) Pentachlorophenol	16.674	266	254368	88.99	ng	98
71) Phenanthrene	17.057	178	885373	41.58	ng	100
72) Anthracene	17.151	178	906244	43.14	ng	99
73) Carbazole	17.421	167	771817	39.22	ng	99
74) Di-n-butylphthalate	17.992	149	922028	43.15	ng	99
75) Fluoranthene	19.074	202	1009278	39.09	ng	99
77) Benzidine	19.268	184	392437	52.85	ng	99
78) Pyrene	19.439	202	1039623	46.08	ng	100
80) Butylbenzylphthalate	20.345	149	404754	47.92	ng	96
81) Benzo(a)anthracene	21.186	228	987896	42.58	ng	100
82) 3,3'-Dichlorobenzidine	21.121	252	303807	40.99	ng	99
83) Chrysene	21.239	228	961274	42.16	ng	100
84) Bis(2-ethylhexyl)phtha...	21.121	149	634938	46.91	ng	98
85) Di-n-octyl phthalate	21.986	149	1066359	46.94	ng	99
87) Indeno(1,2,3-cd)pyrene	25.585	276	1325811	49.75	ng	99
88) Benzo(b)fluoranthene	22.733	252	1027148	45.70	ng	99
89) Benzo(k)fluoranthene	22.774	252	935975	41.55	ng	99
90) Benzo(a)pyrene	23.291	252	893861	42.36	ng	99
91) Dibenzo(a,h)anthracene	25.597	278	1116327	48.59	ng	98
92) Benzo(g,h,i)perylene	26.256	276	1094007	51.49	ng	99

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

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