Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006112.D
Acq On : 30 Jun 2021 17:40
Operator : CG/JU
Sample : M2875-13MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-6MS

Manual Integrations APPROVED
mohammad
7/1/2021 2:52:38 PM

Quant Time: Jul 01 03:15:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 16:39:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	80792	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	319413	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	199139	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	401694	20.000	ng	0.00
76) Chrysene-d12	21.357	240	431011	20.000	ng	0.00
86) Perylene-d12	23.757	264	490235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	330270	65.596	ng	0.01
7) Phenol-d6	7.081	99	242031	37.087	ng	0.00
23) Nitrobenzene-d5	9.063	82	584973	89.788	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	496778	145.368	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	1348411	88.915	ng	0.00
79) Terphenyl-d14	19.828	244	2088258	90.723	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	35638	15.667	ng	# 97
3) Pyridine	3.758	79	128515m	24.038	ng	
4) n-Nitrosodimethylamine	3.658	42	44912	18.073	ng	# 87
6) Aniline	7.222	93	185700	25.488	ng	99
8) 2-Chlorophenol	7.463	128	228188	39.528	ng	99
9) Benzaldehyde	7.040	77	380142	136.641	ng	# 1
10) Phenol	7.111	94	195429	29.977	ng	# 65
11) bis(2-Chloroethyl)ether	7.322	93	250879	50.784	ng	99
12) 1,3-Dichlorobenzene	7.781	146	260409	40.342	ng	98
13) 1,4-Dichlorobenzene	7.928	146	267478	40.632	ng	99
14) 1,2-Dichlorobenzene	8.246	146	262499	41.717	ng	100
15) Benzyl Alcohol	8.152	79	188251	38.298	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.428	45	213143	46.674	ng	# 36
17) 2-Methylphenol	8.358	107	246765	55.554	ng	99
18) Hexachloroethane	8.999	117	343566	144.282	ng	# 1
19) n-Nitroso-di-n-propyla...	8.710	70	201349	50.152	ng	93
20) 3+4-Methylphenols	8.687	107	209382	34.897	ng	89
22) Acetophenone	8.728	105	443971	52.808	ng	# 97
24) Nitrobenzene	9.105	77	388247	57.388	ng	100
25) Isophorone	9.646	82	544737	45.276	ng	99
26) 2-Nitrophenol	9.816	139	153777	47.639	ng	97
27) 2,4-Dimethylphenol	9.922	122	1199431m	249.418	ng	
28) bis(2-Chloroethoxy)met...	10.110	93	334232	53.228	ng	99
29) 2,4-Dichlorophenol	10.363	162	249454	43.165	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	263368	40.558	ng	100
31) Naphthalene	10.752	128	2988120	161.685	ng	100
32) Benzoic acid	10.063	122	60424m	20.882	ng	
33) 4-Chloroaniline	10.875	127	129280	17.316	ng	98
34) Hexachlorobutadiene	11.022	225	161898	36.860	ng	99
35) Caprolactam	11.916	113	14638	8.794	ng	94
36) 4-Chloro-3-methylphenol	12.010	107	245149	41.777	ng	98
37) 2-Methylnaphthalene	12.357	142	1212312	92.134	ng	99
38) 1-Methylnaphthalene	12.575	142	946045	76.330	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	319322	45.555	ng	99
41) Hexachlorocyclopentadiene	12.698	237	259707	74.171	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	213612	44.429	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	228460	44.122	ng	97
46) 1,1'-Biphenyl	13.363	154	786036	48.955	ng	100
47) 2-Chloronaphthalene	13.404	162	587229	44.788	ng	98
48) 2-Nitroaniline	13.622	65	147912	42.906	ng	97
49) Acenaphthylene	14.251	152	946173	47.038	ng	99
50) Dimethylphthalate	13.993	163	768285	46.923	ng	99
51) 2,6-Dinitrotoluene	14.116	165	172053	46.232	ng	99
52) Acenaphthene	14.592	154	563769	46.152	ng	98
53) 3-Nitroaniline	14.451	138	40122	11.124	ng	98
54) 2,4-Dinitrophenol	14.669	184	211914	94.790	ng	97
55) Dibenzofuran	14.928	168	902196	44.911	ng	100
56) 4-Nitrophenol	14.792	139	88270	30.192	ng	92
57) 2,4-Dinitrotoluene	14.910	165	237213	47.658	ng	98
58) Fluorene	15.575	166	734996	46.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	203353m	44.561	ng	
60) Diethylphthalate	15.351	149	783290	47.682	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	373321	45.997	ng	97
62) 4-Nitroaniline	15.610	138	62924m	16.949	ng	
63) Azobenzene	15.857	77	671225	45.164	ng	96
65) 4,6-Dinitro-2-methylph...	15.675	198	129460	43.856	ng	97
66) n-Nitrosodiphenylamine	15.787	169	643561	48.313	ng	99
67) 4-Bromophenyl-phenylether	16.463	248	248769	48.250	ng	98
68) Hexachlorobenzene	16.587	284	298696	48.333	ng	94
69) Atrazine	16.751	200	199537	48.146	ng	98
70) Pentachlorophenol	16.934	266	356886	103.859	ng	99
71) Phenanthrene	17.322	178	1152129	47.760	ng	99
72) Anthracene	17.410	178	1178802	49.650	ng	99
73) Carbazole	17.686	167	1072750	47.062	ng	100
74) Di-n-butylphthalate	18.228	149	1356888	51.378	ng	99
75) Fluoranthene	19.286	202	1369374	46.743	ng	98
78) Pyrene	19.633	202	1404198	46.667	ng	99
80) Butylbenzylphthalate	20.498	149	632108	51.062	ng	99
81) Benzo(a)anthracene	21.339	228	1420652	45.661	ng	99
83) Chrysene	21.392	228	1383605	45.914	ng	99
84) Bis(2-ethylhexyl)phtha...	21.257	149	942458	51.911	ng	99
85) Di-n-octyl phthalate	22.174	149	1652849	50.891	ng	99
87) Indeno(1,2,3-cd)pyrene	26.298	276	1925610	45.933	ng	98
88) Benzo(b)fluoranthene	23.027	252	1612372	48.020	ng	99
89) Benzo(k)fluoranthene	23.074	252	1497717	46.000	ng	99
90) Benzo(a)pyrene	23.657	252	1520148	48.156	ng	98
91) Dibenzo(a,h)anthracene	26.304	278	1667494	46.213	ng	99
92) Benzo(g,h,i)perylene	27.074	276	1627856	45.669	ng	98

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

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