Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029276.D
Acq On : 30 Mar 2021 18:49
Operator : CG/JU
Sample : M1812-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Manual Integrations APPROVED
mohammad
3/31/2021 1:36:44 PM

Quant Time: Mar 31 00:28:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	147374	20.00	ng		0.00
21) Naphthalene-d8	10.527	136	558634	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	305341	20.00	ng		0.00
64) Phenanthrene-d10	17.109	188	521088	20.00	ng		0.00
76) Chrysene-d12	21.280	240	401130	20.00	ng		0.00
86) Perylene-d12	23.515	264	388983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	762295	89.16	ng		0.00
7) Phenol-d6	6.916	99	980337	79.90	ng		0.00
23) Nitrobenzene-d5	8.898	82	687567	59.76	ng		0.00
42) 2,4,6-Tribromophenol	15.862	330	229686	81.23	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1283804	59.64	ng		0.00
79) Terphenyl-d14	19.733	244	1231976	61.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	138058	35.53	ng	#	95
3) Pyridine	3.681	79	386731	41.28	ng		98
4) n-Nitrosodimethylamine	3.593	42	214164	50.94	ng		92
6) Aniline	7.081	93	296629	22.32	ng		99
8) 2-Chlorophenol	7.310	128	427251	44.29	ng		99
9) Benzaldehyde	6.892	77	334182	43.38	ng		98
10) Phenol	6.945	94	545609	45.01	ng		97
11) bis(2-Chloroethyl)ether	7.175	93	410435	47.32	ng		100
12) 1,3-Dichlorobenzene	7.633	146	463832	42.98	ng		98
13) 1,4-Dichlorobenzene	7.781	146	472833	43.21	ng		100
14) 1,2-Dichlorobenzene	8.092	146	451876	42.97	ng		98
15) Benzyl Alcohol	7.986	79	397751	44.81	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	622650	46.82	ng		99
17) 2-Methylphenol	8.186	107	350471	45.00	ng		98
18) Hexachloroethane	8.816	117	186986	47.03	ng		96
19) n-Nitroso-di-n-propyla...	8.551	70	349546	44.16	ng		98
20) 3+4-Methylphenols	8.510	107	463194	44.43	ng		99
22) Acetophenone	8.563	105	616924	44.12	ng	#	99
24) Nitrobenzene	8.939	77	507176	42.23	ng		97
25) Isophorone	9.463	82	892380	45.15	ng		99
26) 2-Nitrophenol	9.645	139	212446	53.05	ng		97
27) 2,4-Dimethylphenol	9.710	122	373669	48.68	ng		97
28) bis(2-Chloroethoxy)met...	9.945	93	535560	51.25	ng		98
29) 2,4-Dichlorophenol	10.180	162	361523	43.31	ng		99
30) 1,2,4-Trichlorobenzene	10.392	180	406466	42.89	ng		99
31) Naphthalene	10.574	128	1232022	41.84	ng		100
32) Benzoic acid	9.851	122	222416	45.07	ng		99
33) 4-Chloroaniline	10.686	127	56329	4.84	ng		98
34) Hexachlorobutadiene	10.863	225	240339	43.66	ng		99
35) Caprolactam	11.463	113	103012m	38.64	ng		
36) 4-Chloro-3-methylphenol	11.816	107	373122	41.86	ng		95
37) 2-Methylnaphthalene	12.192	142	867676	42.14	ng		99
38) 1-Methylnaphthalene	12.410	142	796540	40.67	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	405216	47.36	ng	#	97
41) Hexachlorocyclopentadiene	12.545	237	590476	125.76	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	264250	47.44	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	276015	44.57	ng		97
46) 1,1'-Biphenyl	13.210	154	1064219	45.85	ng		99
47) 2-Chloronaphthalene	13.245	162	813427	44.51	ng		99
48) 2-Nitroaniline	13.451	65	250992	42.41	ng		98
49) Acenaphthylene	14.098	152	1306856	47.01	ng		99
50) Dimethylphthalate	13.833	163	962207	45.10	ng		100
51) 2,6-Dinitrotoluene	13.951	165	198667	43.04	ng		98
52) Acenaphthene	14.439	154	770587	43.61	ng		99
53) 3-Nitroaniline	14.274	138	63436	13.58	ng		98
54) 2,4-Dinitrophenol	14.486	184	202860	74.85	ng		99
55) Dibenzofuran	14.774	168	1134230	40.80	ng		100
56) 4-Nitrophenol	14.586	139	332567	77.91	ng		96
57) 2,4-Dinitrotoluene	14.739	165	259048	38.94	ng		98
58) Fluorene	15.421	166	924447	41.02	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	194501	38.32	ng		97
60) Diethylphthalate	15.204	149	933206	44.40	ng		99
61) 4-Chlorophenyl-phenyle...	15.415	204	444885	42.79	ng		96
62) 4-Nitroaniline	15.439	138	185519	34.41	ng		98
63) Azobenzene	15.709	77	1045437	43.51	ng		98
65) 4,6-Dinitro-2-methylph...	15.498	198	118737	38.84	ng		100
66) n-Nitrosodiphenylamine	15.633	169	773685	46.38	ng		99
67) 4-Bromophenyl-phenylether	16.309	248	239575	50.15	ng		98
68) Hexachlorobenzene	16.421	284	255949	45.54	ng		97
69) Atrazine	16.580	200	258300	49.04	ng		97
70) Pentachlorophenol	16.762	266	193830	55.98	ng		100
71) Phenanthrene	17.156	178	1280934	42.39	ng		99
72) Anthracene	17.245	178	1306916	44.51	ng		99
73) Carbazole	17.515	167	1135341	39.30	ng		100
74) Di-n-butylphthalate	18.080	149	1489961	53.47	ng		99
75) Fluoranthene	19.168	202	1295569	38.81	ng		99
77) Benzidine	19.350	184	573096	49.45	ng		99
78) Pyrene	19.527	202	1299424	47.85	ng		100
80) Butylbenzylphthalate	20.433	149	592485	56.78	ng		99
81) Benzo(a)anthracene	21.268	228	1136189	43.40	ng		99
82) 3,3'-Dichlorobenzidine	21.203	252	209254	26.74	ng		99
83) Chrysene	21.321	228	1087857	41.53	ng		99
84) Bis(2-ethylhexyl)phtha...	21.203	149	909759	60.15	ng	#	99
85) Di-n-octyl phthalate	22.080	149	1488708	59.85	ng		100
87) Indeno(1,2,3-cd)pyrene	25.773	276	1321580	46.45	ng		99
88) Benzo(b)fluoranthene	22.844	252	1111160	43.91	ng		99
89) Benzo(k)fluoranthene	22.891	252	1007781	40.99	ng		100
90) Benzo(a)pyrene	23.415	252	950595	41.47	ng		97
91) Dibenzo(a,h)anthracene	25.785	278	1105193	45.38	ng		100
92) Benzo(g,h,i)perylene	26.462	276	1102199	46.19	ng		98

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

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