Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029279.D
Acq On : 30 Mar 2021 20:39
Operator : CG/JU
Sample : M1817-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-003MS

Manual Integrations APPROVED
mohammad
3/31/2021 1:36:47 PM

Quant Time: Mar 31 00:29:53 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	151472	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	596895	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	334060	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	579138	20.00	ng		0.00
76) Chrysene-d12	21.280	240	442862	20.00	ng		0.00
86) Perylene-d12	23.515	264	424929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1256807	143.02	ng		0.00
7) Phenol-d6	6.922	99	1501671	119.08	ng		0.00
23) Nitrobenzene-d5	8.898	82	1266218	102.99	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	457649	147.93	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	2433360	103.32	ng		0.00
79) Terphenyl-d14	19.733	244	2556871	115.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	160430	40.17	ng	#	41
3) Pyridine	3.705	79	307797	31.97	ng		98
4) n-Nitrosodimethylamine	3.605	42	246308	57.00	ng		91
6) Aniline	7.081	93	129019	9.44	ng		99
8) 2-Chlorophenol	7.316	128	526196	53.07	ng		98
9) Benzaldehyde	6.893	77	293358	37.05	ng		99
10) Phenol	6.946	94	609402	48.91	ng		97
11) bis(2-Chloroethyl)ether	7.175	93	518085	58.11	ng		99
12) 1,3-Dichlorobenzene	7.634	146	537718	48.48	ng		99
13) 1,4-Dichlorobenzene	7.781	146	548384	48.76	ng		99
14) 1,2-Dichlorobenzene	8.098	146	528856	48.92	ng		97
15) Benzyl Alcohol	7.987	79	510939	56.01	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	773374	56.58	ng		100
17) 2-Methylphenol	8.187	107	425976	53.21	ng		98
18) Hexachloroethane	8.822	117	218926	53.57	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	452441	55.61	ng		97
20) 3+4-Methylphenols	8.516	107	561566	52.41	ng		99
22) Acetophenone	8.563	105	804492	53.84	ng	#	98
24) Nitrobenzene	8.940	77	653663	50.94	ng		99
25) Isophorone	9.469	82	1167299	55.27	ng		100
26) 2-Nitrophenol	9.645	139	271888	63.55	ng		98
27) 2,4-Dimethylphenol	9.710	122	462729	56.41	ng		98
28) bis(2-Chloroethoxy)met...	9.945	93	697631	62.48	ng		99
29) 2,4-Dichlorophenol	10.175	162	468984	52.58	ng		97
30) 1,2,4-Trichlorobenzene	10.392	180	504521	49.82	ng		99
31) Naphthalene	10.581	128	1547483	49.19	ng		99
32) Benzoic acid	9.851	122	266697	50.04	ng		99
33) 4-Chloroaniline	10.692	127	70890	5.70	ng		96
34) Hexachlorobutadiene	10.863	225	295431	50.22	ng		97
35) Caprolactam	11.475	113	104554m	36.95	ng		
36) 4-Chloro-3-methylphenol	11.816	107	484609	50.88	ng		95
37) 2-Methylnaphthalene	12.192	142	1118253	50.83	ng		100
38) 1-Methylnaphthalene	12.410	142	1022743	48.87	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	527293	56.32	ng		98
41) Hexachlorocyclopentadiene	12.545	237	656483	127.80	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	348396	57.17	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	360105	53.15	ng	97
46) 1,1'-Biphenyl	13.210	154	1394462	54.91	ng	99
47) 2-Chloronaphthalene	13.245	162	1048861	52.45	ng	98
48) 2-Nitroaniline	13.451	65	339754	51.69	ng	99
49) Acenaphthylene	14.098	152	1708572	56.17	ng	99
50) Dimethylphthalate	13.839	163	1330732	57.01	ng	100
51) 2,6-Dinitrotoluene	13.951	165	266415	52.76	ng	96
52) Acenaphthene	14.439	154	1013822	52.44	ng	100
53) 3-Nitroaniline	14.274	138	94132	18.41	ng	98
54) 2,4-Dinitrophenol	14.486	184	276639	91.64	ng	96
55) Dibenzofuran	14.774	168	1502221	49.39	ng	99
56) 4-Nitrophenol	14.592	139	396601	84.92	ng	94
57) 2,4-Dinitrotoluene	14.739	165	349565	47.29	ng	98
58) Fluorene	15.421	166	1242439	50.39	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	267205	48.12	ng	97
60) Diethylphthalate	15.204	149	1260805	54.82	ng	99
61) 4-Chlorophenyl-phenyle...	15.421	204	597634	52.54	ng	99
62) 4-Nitroaniline	15.439	138	245778	40.91	ng	98
63) Azobenzene	15.710	77	1387029	52.76	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	162440	46.58	ng	100
66) n-Nitrosodiphenylamine	15.633	169	1021681	55.11	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	322610	60.77	ng	99
68) Hexachlorobenzene	16.421	284	342520	54.83	ng	96
69) Atrazine	16.586	200	352345	60.19	ng	99
70) Pentachlorophenol	16.763	266	320889	83.39	ng	99
71) Phenanthrene	17.157	178	1694300	50.45	ng	99
72) Anthracene	17.245	178	1732031	53.08	ng	100
73) Carbazole	17.515	167	1503374	46.82	ng	100
74) Di-n-butylphthalate	18.080	149	2043153	65.98	ng	100
75) Fluoranthene	19.168	202	1712795	46.17	ng	99
77) Benzidine	19.351	184	191543	14.97	ng	99
78) Pyrene	19.527	202	1724685	57.52	ng	100
80) Butylbenzylphthalate	20.433	149	815966	69.94	ng	99
81) Benzo(a)anthracene	21.268	228	1519753	52.58	ng	99
82) 3,3'-Dichlorobenzidine	21.203	252	221204	25.61	ng	99
83) Chrysene	21.321	228	1443093	49.90	ng	99
84) Bis(2-ethylhexyl)phtha...	21.203	149	1274678	75.38	ng	100
85) Di-n-octyl phthalate	22.080	149	2074306	74.47	ng	99
87) Indeno(1,2,3-cd)pyrene	25.780	276	1713250	55.12	ng	99
88) Benzo(b)fluoranthene	22.845	252	1441043	52.13	ng	99
89) Benzo(k)fluoranthene	22.892	252	1330545	49.54	ng	100
90) Benzo(a)pyrene	23.421	252	1223627	48.86	ng	100
91) Dibenzo(a,h)anthracene	25.791	278	1443221	54.25	ng	98
92) Benzo(g,h,i)perylene	26.468	276	1416670	54.35	ng	99

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

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