Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
Data File : BM029106.D
Acq On : 12 Mar 2021 11:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 12:30:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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3/15/2021 11:31:47 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	9435	20.00	ng		0.00
21) Naphthalene-d8	10.416	136	35034	20.00	ng	#	0.00
39) Acenaphthene-d10	14.298	164	20299	20.00	ng		0.00
64) Phenanthrene-d10	17.045	188	39902	20.00	ng		0.00
76) Chrysene-d12	21.227	240	39008	20.00	ng	#	0.00
86) Perylene-d12	23.368	264	39290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.198	112	44449	78.09	ng		0.00
7) Phenol-d6	6.822	99	57459	76.42	ng		0.00
23) Nitrobenzene-d5	8.798	82	53805	82.86	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	20000	83.13	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	122739	80.50	ng		0.00
79) Terphenyl-d14	19.674	244	171423	81.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.052	88	8688	40.59	ng	#	61
3) Pyridine	3.469	79	22741	40.26	ng	#	31
4) n-Nitrosodimethylamine	3.393	42	15779	50.00	ng	#	43
6) Aniline	6.963	93	31466	39.14	ng		99
8) 2-Chlorophenol	7.192	128	25865	38.25	ng		95
9) Benzaldehyde	6.775	77	13341	32.56	ng		82
10) Phenol	6.851	94	29032	38.86	ng		94
11) bis(2-Chloroethyl)ether	7.063	93	21592	38.09	ng		91
12) 1,3-Dichlorobenzene	7.504	146	28413	38.53	ng	#	93
13) 1,4-Dichlorobenzene	7.657	146	29375	39.28	ng		98
14) 1,2-Dichlorobenzene	7.969	146	28478	39.58	ng		99
15) Benzyl Alcohol	7.887	79	22659	42.14	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.163	45	38370	43.96	ng		70
17) 2-Methylphenol	8.092	107	19562	38.56	ng	#	91
18) Hexachloroethane	8.681	117	11116	40.91	ng		93
19) n-Nitroso-di-n-propyla...	8.445	70	17811	40.27	ng	#	50
20) 3+4-Methylphenols	8.428	107	26546	38.89	ng		93
22) Acetophenone	8.463	105	34870	40.81	ng	#	83
24) Nitrobenzene	8.839	77	27283	41.32	ng	#	87
25) Isophorone	9.363	82	47941	41.96	ng		96
26) 2-Nitrophenol	9.545	139	13838	41.49	ng		91
27) 2,4-Dimethylphenol	9.616	122	19747	39.46	ng		95
28) bis(2-Chloroethoxy)met...	9.845	93	25421	39.16	ng		97
29) 2,4-Dichlorophenol	10.080	162	23688	41.37	ng		99
30) 1,2,4-Trichlorobenzene	10.280	180	25707	40.95	ng		99
31) Naphthalene	10.463	128	76210	39.46	ng		99
32) Benzoic acid	9.810	122	15466	43.12	ng	#	81
33) 4-Chloroaniline	10.598	127	30793	39.67	ng		94
34) Hexachlorobutadiene	10.727	225	16251	43.17	ng		95
35) Caprolactam	11.410	113	6408	40.91	ng	#	39
36) 4-Chloro-3-methylphenol	11.745	107	23821	41.28	ng		91
37) 2-Methylnaphthalene	12.086	142	53359	39.26	ng		98
38) 1-Methylnaphthalene	12.310	142	50357	39.12	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	25347	39.94	ng		99
41) Hexachlorocyclopentadiene	12.427	237	8518	35.21	ng		93
43) 2,4,6-Trichlorophenol	12.727	196	17982	40.42	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	18992	39.78	ng	#	96
46) 1,1'-Biphenyl	13.121	154	63667	39.11	ng		98
47) 2-Chloronaphthalene	13.163	162	52466	39.48	ng		98
48) 2-Nitroaniline	13.392	65	15470	43.28	ng		92
49) Acenaphthylene	14.016	152	81763	40.06	ng		97
50) Dimethylphthalate	13.768	163	63047	40.99	ng		100
51) 2,6-Dinitrotoluene	13.904	165	14358	40.03	ng		95
52) Acenaphthene	14.363	154	48221	38.53	ng		98
53) 3-Nitroaniline	14.233	138	14121	40.41	ng		90
54) 2,4-Dinitrophenol	14.463	184	7242	39.47	ng		91
55) Dibenzofuran	14.698	168	78717	40.06	ng		97
56) 4-Nitrophenol	14.574	139	10599	36.97	ng		90
57) 2,4-Dinitrotoluene	14.704	165	20041	42.78	ng	#	84
58) Fluorene	15.351	166	62704	39.81	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.939	232	15704m	40.92	ng		
60) Diethylphthalate	15.139	149	65992	42.64	ng		97
61) 4-Chlorophenyl-phenyle...	15.345	204	30787	40.97	ng	#	87
62) 4-Nitroaniline	15.410	138	13655	40.42	ng		97
63) Azobenzene	15.645	77	61112	42.79	ng	#	82
65) 4,6-Dinitro-2-methylph...	15.474	198	11133	39.62	ng	#	73
66) n-Nitrosodiphenylamine	15.568	169	53786	39.40	ng		97
67) 4-Bromophenyl-phenylether	16.239	248	17918	40.02	ng	#	86
68) Hexachlorobenzene	16.351	284	19955	39.99	ng	#	91
69) Atrazine	16.527	200	18146	42.73	ng		95
70) Pentachlorophenol	16.709	266	11150	41.78	ng		95
71) Phenanthrene	17.086	178	93223	39.23	ng		99
72) Anthracene	17.180	178	93646	39.78	ng		99
73) Carbazole	17.462	167	90072	39.88	ng		99
74) Di-n-butylphthalate	18.009	149	113733	44.29	ng		99
75) Fluoranthene	19.103	202	106106	40.64	ng		99
77) Benzidine	19.303	184	43922	34.17	ng		98
78) Pyrene	19.468	202	109572	38.24	ng		99
80) Butylbenzylphthalate	20.368	149	52192	42.31	ng		95
81) Benzo(a)anthracene	21.209	228	106620	39.38	ng		100
82) 3,3'-Dichlorobenzidine	21.150	252	37953	40.58	ng	#	97
83) Chrysene	21.262	228	105059	39.83	ng		100
84) Bis(2-ethylhexyl)phtha...	21.139	149	79853	44.98	ng	#	96
85) Di-n-octyl phthalate	21.991	149	136054	45.17	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.509	276	118487	39.96	ng	#	91
88) Benzo(b)fluoranthene	22.733	252	107459	38.72	ng	#	98
89) Benzo(k)fluoranthene	22.774	252	104182	39.52	ng	#	98
90) Benzo(a)pyrene	23.280	252	98664	38.96	ng	#	98
91) Dibenzo(a,h)anthracene	25.509	278	103210	40.06	ng	#	95
92) Benzo(g,h,i)perylene	26.156	276	97821	39.32	ng	#	95

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

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