Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123896.D
Acq On : 10 May 2021 21:36
Operator : JU/CG
Sample : M2295-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-CMSD

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:21 PM

Quant Time: May 11 03:37:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	109590	20.00	ng		0.00
21) Naphthalene-d8	8.057	136	425008	20.00	ng		0.00
39) Acenaphthene-d10	9.810	164	218837	20.00	ng		0.00
64) Phenanthrene-d10	11.298	188	410851	20.00	ng	#	0.00
76) Chrysene-d12	13.933	240	292061	20.00	ng		0.00
86) Perylene-d12	15.374	264	230751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	897879	119.65	ng		0.03
7) Phenol-d6	6.428	99	1097753	109.60	ng		0.01
23) Nitrobenzene-d5	7.340	82	926332	90.47	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	433983	134.63	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	1471709	83.93	ng		0.00
79) Terphenyl-d14	12.880	244	1887729	105.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	127655	38.44	ng	#	82
3) Pyridine	3.405	79	212314	26.46	ng		97
4) n-Nitrosodimethylamine	3.334	42	287428	45.79	ng	#	78
6) Aniline	6.440	93	98800	9.06	ng	#	1
8) 2-Chlorophenol	6.563	128	365140	46.61	ng		97
9) Benzaldehyde	6.322	77	229770	53.24	ng		97
10) Phenol	6.440	94	429254	40.39	ng		88
11) bis(2-Chloroethyl)ether	6.510	93	367109	51.85	ng		98
12) 1,3-Dichlorobenzene	6.710	146	389179	47.99	ng		98
13) 1,4-Dichlorobenzene	6.787	146	398317	49.08	ng		99
14) 1,2-Dichlorobenzene	6.940	146	377351	48.22	ng		97
15) Benzyl Alcohol	6.922	79	400269	49.41	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.051	45	790018	50.44	ng		74
17) 2-Methylphenol	7.040	107	307950	46.98	ng	#	89
18) Hexachloroethane	7.281	117	165631	49.71	ng		96
19) n-Nitroso-di-n-propyla...	7.192	70	313960	51.19	ng		95
20) 3+4-Methylphenols	7.198	107	406095	47.22	ng	#	75
22) Acetophenone	7.187	105	622798	49.56	ng		94
24) Nitrobenzene	7.357	77	473338	45.26	ng		94
25) Isophorone	7.598	82	807773	45.84	ng		98
26) 2-Nitrophenol	7.675	139	189985	45.45	ng	#	89
27) 2,4-Dimethylphenol	7.722	122	313325	48.76	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	451188	53.00	ng		99
29) 2,4-Dichlorophenol	7.922	162	301340	46.02	ng		98
30) 1,2,4-Trichlorobenzene	7.998	180	325484	46.40	ng		97
31) Naphthalene	8.075	128	1081314	45.98	ng		99
32) Benzoic acid	7.869	122	190029	52.77	ng	#	83
33) 4-Chloroaniline	8.128	127	33294	3.52	ng		95
34) Hexachlorobutadiene	8.192	225	213891	45.41	ng		98
35) Caprolactam	8.516	113	79428m	37.39	ng		
36) 4-Chloro-3-methylphenol	8.628	107	393108	46.84	ng		99
37) 2-Methylnaphthalene	8.769	142	720505	47.28	ng		98
38) 1-Methylnaphthalene	8.869	142	667965	45.46	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	344125	45.84	ng		98
41) Hexachlorocyclopentadiene	8.922	237	296089	84.33	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	224468	44.00	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	237107	46.38	ng		92
46) 1,1'-Biphenyl	9.234	154	901647	46.35	ng		99
47) 2-Chloronaphthalene	9.263	162	660806	44.59	ng		98
48) 2-Nitroaniline	9.363	65	297067	45.83	ng		92
49) Acenaphthylene	9.675	152	1086608	45.87	ng		99
50) Dimethylphthalate	9.545	163	894326	53.86	ng		99
51) 2,6-Dinitrotoluene	9.604	165	168041	44.89	ng		94
52) Acenaphthene	9.845	154	641869	44.65	ng		99
53) 3-Nitroaniline	9.769	138	57250	13.51	ng		98
54) 2,4-Dinitrophenol	9.881	184	183508	102.38	ng	#	85
55) Dibenzofuran	10.022	168	975525	44.13	ng		99
56) 4-Nitrophenol	9.957	139	217595	74.09	ng	#	78
57) 2,4-Dinitrotoluene	10.010	165	231288	44.87	ng	#	78
58) Fluorene	10.363	166	801333	46.20	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	182956	43.93	ng		100
60) Diethylphthalate	10.239	149	845819	49.37	ng		99
61) 4-Chlorophenyl-phenyle...	10.351	204	385094	47.12	ng		97
62) 4-Nitroaniline	10.392	138	169602	38.57	ng	#	82
63) Azobenzene	10.516	77	886690	46.45	ng		94
65) 4,6-Dinitro-2-methylph...	10.422	198	114143	45.59	ng		81
66) n-Nitrosodiphenylamine	10.475	169	668017	49.03	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	243480	55.37	ng		95
68) Hexachlorobenzene	10.910	284	276229	52.38	ng		97
69) Atrazine	11.010	200	221540	56.55	ng		99
70) Pentachlorophenol	11.110	266	259667	112.72	ng		98
71) Phenanthrene	11.322	178	1120939	47.79	ng		100
72) Anthracene	11.375	178	1143062	48.97	ng		98
73) Carbazole	11.533	167	1039743	45.52	ng		99
74) Di-n-butylphthalate	11.863	149	1268560	52.64	ng		99
75) Fluoranthene	12.510	202	1363940	51.62	ng		97
77) Benzidine	12.627	184	116237	19.00	ng		98
78) Pyrene	12.739	202	1380055	53.72	ng		99
80) Butylbenzylphthalate	13.357	149	563539	62.16	ng		96
81) Benzo(a)anthracene	13.927	228	922706	47.52	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	83975	15.24	ng		94
83) Chrysene	13.963	228	767486	41.01	ng		97
84) Bis(2-ethylhexyl)phtha...	13.916	149	655819	60.74	ng		99
85) Di-n-octyl phthalate	14.527	149	821587	55.05	ng		98
87) Indeno(1,2,3-cd)pyrene	16.798	276	752458	46.78	ng	#	95
88) Benzo(b)fluoranthene	14.963	252	670939m	42.21	ng		
89) Benzo(k)fluoranthene	14.992	252	615656	41.98	ng	#	96
90) Benzo(a)pyrene	15.316	252	709541	51.15	ng	#	96
91) Dibenzo(a,h)anthracene	16.815	278	645404	47.14	ng	#	95
92) Benzo(g,h,i)perylene	17.227	276	637560	43.87	ng		96

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

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