Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124028.D
Acq On : 21 May 2021 20:31
Operator : JU/CG
Sample : M2482-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-052021MSD

Manual Integrations APPROVED
mohammad
5/24/2021 2:36:24 PM

Quant Time: May 22 01:39:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	56797	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	229405	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	130357	20.00	ng		-0.01
64) Phenanthrene-d10	11.421	188	230676	20.00	ng		0.00
76) Chrysene-d12	14.062	240	139018	20.00	ng		0.00
86) Perylene-d12	15.551	264	124769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	228514	56.49	ng		0.00
7) Phenol-d6	6.528	99	554586	105.68	ng		0.00
23) Nitrobenzene-d5	7.457	82	422158	79.29	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	30244	19.32	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	787747	74.36	ng		-0.01
79) Terphenyl-d14	13.004	244	751031	81.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.698	88	50121	28.21	ng		95
3) Pyridine	3.457	79	133288	29.07	ng		94
4) n-Nitrosodimethylamine	3.416	42	107164	35.98	ng		85
6) Aniline	6.551	93	185420	31.12	ng		94
8) 2-Chlorophenol	6.675	128	173536	41.22	ng		97
9) Benzaldehyde	6.439	77	133219	58.67	ng		95
10) Phenol	6.539	94	228828	43.14	ng		94
11) bis(2-Chloroethyl)ether	6.628	93	166558	40.41	ng		95
12) 1,3-Dichlorobenzene	6.833	146	189092	38.56	ng		95
13) 1,4-Dichlorobenzene	6.910	146	196181	39.10	ng		95
14) 1,2-Dichlorobenzene	7.063	146	185971	39.66	ng		98
15) Benzyl Alcohol	7.033	79	183629	40.51	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.169	45	331948	40.00	ng		98
17) 2-Methylphenol	7.145	107	142245	41.67	ng		97
18) Hexachloroethane	7.404	117	73460	39.50	ng		92
19) n-Nitroso-di-n-propyla...	7.310	70	149239	42.09	ng		99
20) 3+4-Methylphenols	7.298	107	186056	41.38	ng	#	88
22) Acetophenone	7.304	105	257414	39.52	ng	#	97
24) Nitrobenzene	7.475	77	209742	38.53	ng		94
25) Isophorone	7.716	82	364591	35.60	ng		98
26) 2-Nitrophenol	7.792	139	94595	46.19	ng		95
27) 2,4-Dimethylphenol	7.827	122	158805	40.50	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	213423	41.44	ng		99
29) 2,4-Dichlorophenol	8.033	162	158458	39.92	ng		93
30) 1,2,4-Trichlorobenzene	8.116	180	165532	37.09	ng		99
31) Naphthalene	8.198	128	506146	37.28	ng		99
32) Benzoic acid	7.951	122	91294m	42.42	ng		
33) 4-Chloroaniline	8.239	127	39721	7.69	ng	#	95
34) Hexachlorobutadiene	8.316	225	110878	37.95	ng		98
35) Caprolactam	8.622	113	49723m	46.01	ng		
36) 4-Chloro-3-methylphenol	8.727	107	174829	40.28	ng	#	85
37) 2-Methylnaphthalene	8.892	142	355979	38.68	ng		99
38) 1-Methylnaphthalene	8.992	142	333895	38.89	ng		95
40) 1,2,4,5-Tetrachloroben...	9.057	216	183971	39.13	ng		98
41) Hexachlorocyclopentadiene	9.045	237	168721	56.42	ng		94
43) 2,4,6-Trichlorophenol	9.169	196	120173	39.39	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	123912	39.10	ng	#	88
46) 1,1'-Biphenyl	9.357	154	456665	39.77	ng		98
47) 2-Chloronaphthalene	9.380	162	337297	36.99	ng		99
48) 2-Nitroaniline	9.474	65	134207	43.58	ng		96
49) Acenaphthylene	9.798	152	532896	39.55	ng		98
50) Dimethylphthalate	9.657	163	566342	54.41	ng		99
51) 2,6-Dinitrotoluene	9.716	165	95441	45.34	ng		92
52) Acenaphthene	9.969	154	389352	42.21	ng		94
53) 3-Nitroaniline	9.880	138	53161	25.41	ng	#	93
54) 2,4-Dinitrophenol	9.992	184	82845	73.83	ng	#	88
55) Dibenzofuran	10.139	168	509268	38.44	ng		99
56) 4-Nitrophenol	10.045	139	140383	81.13	ng		95
57) 2,4-Dinitrotoluene	10.121	165	121400	47.02	ng		93
58) Fluorene	10.486	166	400655	40.14	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.257	232	106364	40.81	ng		90
60) Diethylphthalate	10.351	149	442183	42.89	ng		97
61) 4-Chlorophenyl-phenyle...	10.474	204	210267	42.03	ng		94
62) 4-Nitroaniline	10.498	138	88468	42.52	ng		94
63) Azobenzene	10.633	77	449969	39.25	ng		93
65) 4,6-Dinitro-2-methylph...	10.527	198	59435	40.90	ng		79
66) n-Nitrosodiphenylamine	10.592	169	359224	40.76	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	128779	42.48	ng		97
68) Hexachlorobenzene	11.033	284	134808	39.83	ng	#	91
69) Atrazine	11.121	200	125498	50.41	ng		95
70) Pentachlorophenol	11.227	266	140410	69.98	ng		97
71) Phenanthrene	11.445	178	592529	40.53	ng		99
72) Anthracene	11.498	178	568104	38.35	ng		99
73) Carbazole	11.651	167	445601	34.38	ng		97
74) Di-n-butylphthalate	11.980	149	662832	40.86	ng		100
75) Fluoranthene	12.633	202	518373	34.24	ng		99
77) Benzidine	12.751	184	189236	56.42	ng	#	94
78) Pyrene	12.862	202	516067	41.81	ng		98
80) Butylbenzylphthalate	13.480	149	228884	47.29	ng		97
81) Benzo(a)anthracene	14.051	228	393949	39.18	ng		99
82) 3,3'-Dichlorobenzidine	14.009	252	95608	30.61	ng	#	98
83) Chrysene	14.092	228	375988	38.88	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	312841	45.81	ng		96
85) Di-n-octyl phthalate	14.656	149	504242	48.84	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	287178	29.80	ng		96
88) Benzo(b)fluoranthene	15.115	252	385576	39.95	ng		97
89) Benzo(k)fluoranthene	15.145	252	372906m	42.39	ng		
90) Benzo(a)pyrene	15.492	252	336786	40.37	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	243719	30.03	ng	#	97
92) Benzo(g,h,i)perylene	17.509	276	223017	27.40	ng	#	95

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

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