Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
Data File : BF123876.D
Acq On : 7 May 2021 20:31
Operator : JU/CG
Sample : M2306-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1MSD

Manual Integrations APPROVED
mohammad
5/10/2021 3:26:02 PM

Quant Time: May 08 00:32:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 13:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	111761	20.00	ng		0.00
21) Naphthalene-d8	8.063	136	419549	20.00	ng		0.00
39) Acenaphthene-d10	9.816	164	219025	20.00	ng		0.00
64) Phenanthrene-d10	11.304	188	468023	20.00	ng		0.00
76) Chrysene-d12	13.945	240	322693	20.00	ng		0.00
86) Perylene-d12	15.386	264	315237	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	584614	82.87	ng		0.00
7) Phenol-d6	6.428	99	949433	97.70	ng		0.00
23) Nitrobenzene-d5	7.345	82	716678	77.11	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	301524	110.59	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	1130254	75.15	ng		0.00
79) Terphenyl-d14	12.886	244	1384794	82.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	106062	27.91	ng		90
3) Pyridine	3.222	79	203173	21.87	ng		97
4) n-Nitrosodimethylamine	3.157	42	191826	37.50	ng	#	73
6) Aniline	6.439	93	341819	30.41	ng	#	1
8) 2-Chlorophenol	6.569	128	332967	43.88	ng		98
9) Benzaldehyde	6.328	77	270734	57.56	ng		97
10) Phenol	6.439	94	443576	42.49	ng	#	69
11) bis(2-Chloroethyl)ether	6.516	93	322749	42.35	ng		98
12) 1,3-Dichlorobenzene	6.722	146	326629	42.60	ng		96
13) 1,4-Dichlorobenzene	6.798	146	341346	44.00	ng		97
14) 1,2-Dichlorobenzene	6.945	146	328076	43.55	ng		96
15) Benzyl Alcohol	6.928	79	347742	45.65	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	725519	44.76	ng		95
17) 2-Methylphenol	7.045	107	288218	44.57	ng	#	90
18) Hexachloroethane	7.292	117	141913	46.22	ng		96
19) n-Nitroso-di-n-propyla...	7.192	70	272374	45.39	ng		96
20) 3+4-Methylphenols	7.198	107	366262	44.51	ng	#	87
22) Acetophenone	7.192	105	535250	46.93	ng	#	96
24) Nitrobenzene	7.363	77	413386	42.70	ng		98
25) Isophorone	7.604	82	716157	41.10	ng		99
26) 2-Nitrophenol	7.680	139	177780	45.00	ng		96
27) 2,4-Dimethylphenol	7.722	122	303844	48.96	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	414283	46.65	ng		99
29) 2,4-Dichlorophenol	7.927	162	280318	45.83	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	288188	44.96	ng		99
31) Naphthalene	8.086	128	946540	43.81	ng		99
32) Benzoic acid	7.857	122	176109	42.07	ng		92
33) 4-Chloroaniline	8.133	127	115669	12.83	ng		97
34) Hexachlorobutadiene	8.204	225	185471	47.48	ng		98
35) Caprolactam	8.510	113	88689m	41.30	ng		
36) 4-Chloro-3-methylphenol	8.633	107	348099	45.62	ng		95
37) 2-Methylnaphthalene	8.774	142	635952	45.17	ng		98
38) 1-Methylnaphthalene	8.874	142	587023	44.36	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	300804	46.67	ng		99
41) Hexachlorocyclopentadiene	8.933	237	271614	96.77	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	201934	45.48	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	210762	44.24	ng		98
46) 1,1'-Biphenyl	9.239	154	790017	44.03	ng		99
47) 2-Chloronaphthalene	9.263	162	585303	43.26	ng		99
48) 2-Nitroaniline	9.363	65	243507	40.86	ng		87
49) Acenaphthylene	9.680	152	944439	43.25	ng		99
50) Dimethylphthalate	9.545	163	719017	46.61	ng		98
51) 2,6-Dinitrotoluene	9.604	165	121929	34.19	ng	#	85
52) Acenaphthene	9.851	154	559747	42.07	ng		99
53) 3-Nitroaniline	9.774	138	85143	19.99	ng		98
54) 2,4-Dinitrophenol	9.886	184	153222	80.89	ng		94
55) Dibenzofuran	10.027	168	706992	35.13	ng		99
56) 4-Nitrophenol	9.957	139	214422	69.11	ng		86
57) 2,4-Dinitrotoluene	10.010	165	209744	43.13	ng	#	82
58) Fluorene	10.368	166	594114	38.42	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	155022	41.10	ng		98
60) Diethylphthalate	10.245	149	738999	45.00	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	279479	38.78	ng		91
62) 4-Nitroaniline	10.392	138	147338	34.91	ng		86
63) Azobenzene	10.521	77	761675	40.35	ng		98
65) 4,6-Dinitro-2-methylph...	10.421	198	101966	35.16	ng		85
66) n-Nitrosodiphenylamine	10.480	169	583742	38.13	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	192980	39.16	ng		94
68) Hexachlorobenzene	10.916	284	221606	39.50	ng		97
69) Atrazine	11.010	200	188107	40.64	ng		98
70) Pentachlorophenol	11.116	266	216757	75.81	ng		96
71) Phenanthrene	11.327	178	1078459	43.93	ng		99
72) Anthracene	11.380	178	1108561	45.42	ng		99
73) Carbazole	11.539	167	1022422	41.44	ng		100
74) Di-n-butylphthalate	11.868	149	1349845	48.74	ng		98
75) Fluoranthene	12.515	202	1205102	45.01	ng		99
77) Benzidine	12.639	184	502829	60.17	ng		99
78) Pyrene	12.745	202	1211279	48.36	ng		99
80) Butylbenzylphthalate	13.368	149	491332	45.92	ng		87
81) Benzo(a)anthracene	13.933	228	800418	40.93	ng		98
82) 3,3'-Dichlorobenzidine	13.898	252	160351	26.70	ng		99
83) Chrysene	13.968	228	801625	40.75	ng		99
84) Bis(2-ethylhexyl)phtha...	13.927	149	577435	43.44	ng		99
85) Di-n-octyl phthalate	14.539	149	924492	43.49	ng		98
87) Indeno(1,2,3-cd)pyrene	16.821	276	789714	43.01	ng	#	96
88) Benzo(b)fluoranthene	14.974	252	830832	39.11	ng		99
89) Benzo(k)fluoranthene	15.004	252	774475	38.20	ng		99
90) Benzo(a)pyrene	15.327	252	792982	43.65	ng		97
91) Dibenzo(a,h)anthracene	16.839	278	644110	41.55	ng		98
92) Benzo(g,h,i)perylene	17.256	276	683270	44.01	ng	#	95

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

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