Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124040.D
Acq On : 24 May 2021 16:38
Operator : JU/CG
Sample : M2489-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 359MSD

Manual Integrations APPROVED
mohammad
5/25/2021 11:18:06 AM

Quant Time: May 24 17:02:44 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	55431	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	214910	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	124847	20.00	ng		-0.01
64) Phenanthrene-d10	11.421	188	209329	20.00	ng		0.00
76) Chrysene-d12	14.074	240	151787	20.00	ng		0.00
86) Perylene-d12	15.568	264	138714	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	85220	21.59	ng		0.00
7) Phenol-d6	6.522	99	264547	51.65	ng		0.00
23) Nitrobenzene-d5	7.457	82	299012	59.95	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	8110	5.41	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	565858	55.78	ng		-0.01
79) Terphenyl-d14	13.010	244	542647	54.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	52644	30.36	ng		99
3) Pyridine	3.457	79	132036	29.51	ng		96
4) n-Nitrosodimethylamine	3.422	42	108548	37.35	ng	#	84
6) Aniline	6.551	93	142535	24.51	ng		94
8) 2-Chlorophenol	6.675	128	175598	42.74	ng		93
9) Benzaldehyde	6.439	77	135073	60.95	ng		90
10) Phenol	6.534	94	225388	43.54	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	170107	42.28	ng		96
12) 1,3-Dichlorobenzene	6.834	146	193850	40.50	ng		97
13) 1,4-Dichlorobenzene	6.910	146	201047	41.06	ng		96
14) 1,2-Dichlorobenzene	7.063	146	189745	41.47	ng		97
15) Benzyl Alcohol	7.034	79	186455	42.15	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.169	45	327719	40.46	ng		96
17) 2-Methylphenol	7.145	107	145556	43.69	ng		91
18) Hexachloroethane	7.404	117	77556	42.73	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	156705	45.28	ng		90
20) 3+4-Methylphenols	7.298	107	187473	42.72	ng	#	81
22) Acetophenone	7.304	105	266390	43.65	ng	#	99
24) Nitrobenzene	7.475	77	211195	41.41	ng		96
25) Isophorone	7.716	82	380754	39.68	ng	#	97
26) 2-Nitrophenol	7.792	139	97415	50.78	ng		93
27) 2,4-Dimethylphenol	7.828	122	163100	44.40	ng		92
28) bis(2-Chloroethoxy)met...	7.922	93	220641	45.73	ng		99
29) 2,4-Dichlorophenol	8.033	162	161899	43.54	ng		91
30) 1,2,4-Trichlorobenzene	8.116	180	175779	42.05	ng		99
31) Naphthalene	8.198	128	516048	40.57	ng		99
32) Benzoic acid	7.957	122	83298	41.31	ng		94
33) 4-Chloroaniline	8.239	127	33081	6.83	ng		97
34) Hexachlorobutadiene	8.316	225	119777	43.76	ng		98
35) Caprolactam	8.628	113	50698m	50.08	ng		
36) 4-Chloro-3-methylphenol	8.728	107	180309	44.34	ng		89
37) 2-Methylnaphthalene	8.892	142	370770	43.01	ng		97
38) 1-Methylnaphthalene	8.992	142	339500	42.20	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	189979	42.19	ng		97
41) Hexachlorocyclopentadiene	9.045	237	215528	75.25	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	118036	40.40	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	128044	42.19	ng	#	91
46) 1,1'-Biphenyl	9.357	154	471665	42.89	ng		98
47) 2-Chloronaphthalene	9.380	162	345461	39.55	ng		98
48) 2-Nitroaniline	9.475	65	132667	44.98	ng		96
49) Acenaphthylene	9.798	152	554097	42.94	ng		96
50) Dimethylphthalate	9.657	163	518873	52.05	ng		99
51) 2,6-Dinitrotoluene	9.716	165	94207	46.73	ng		94
52) Acenaphthene	9.969	154	455452m	51.56	ng		
53) 3-Nitroaniline	9.886	138	47030	23.47	ng		90
54) 2,4-Dinitrophenol	9.998	184	91281	83.84	ng	#	82
55) Dibenzofuran	10.145	168	563984	44.45	ng		98
56) 4-Nitrophenol	10.051	139	133015	80.26	ng		92
57) 2,4-Dinitrotoluene	10.122	165	128886	52.12	ng		94
58) Fluorene	10.486	166	472169	49.39	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.257	232	103240	41.36	ng	#	97
60) Diethylphthalate	10.357	149	457738	46.36	ng		95
61) 4-Chlorophenyl-phenyle...	10.474	204	206272	43.05	ng		96
62) 4-Nitroaniline	10.504	138	83704	42.00	ng		87
63) Azobenzene	10.633	77	448879	40.88	ng		92
65) 4,6-Dinitro-2-methylph...	10.533	198	64274	47.70	ng	#	69
66) n-Nitrosodiphenylamine	10.592	169	357915	44.75	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	130550	47.45	ng	#	90
68) Hexachlorobenzene	11.033	284	139739	45.50	ng		96
69) Atrazine	11.121	200	124550	55.13	ng		96
70) Pentachlorophenol	11.227	266	145743	80.05	ng		95
71) Phenanthrene	11.457	178	1026298	77.36	ng		100
72) Anthracene	11.504	178	667746	49.67	ng		97
73) Carbazole	11.651	167	459924	39.11	ng		97
74) Di-n-butylphthalate	11.980	149	697857	47.41	ng		98
75) Fluoranthene	12.645	202	1172307	85.34	ng		100
77) Benzidine	12.757	184	194633	53.14	ng	#	92
78) Pyrene	12.874	202	1034612	76.78	ng		98
80) Butylbenzylphthalate	13.486	149	244115	46.20	ng		99
81) Benzo(a)anthracene	14.062	228	723544	65.91	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	61826	18.13	ng	#	97
83) Chrysene	14.104	228	696316	65.95	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	375721	50.39	ng		98
85) Di-n-octyl phthalate	14.668	149	655507	58.15	ng		99
87) Indeno(1,2,3-cd)pyrene	17.080	276	441882	41.25	ng		97
88) Benzo(b)fluoranthene	15.139	252	1143848	106.60	ng	#	98
89) Benzo(k)fluoranthene	15.168	252	532343	54.44	ng		98
90) Benzo(a)pyrene	15.515	252	707344	76.26	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	307712	34.11	ng		98
92) Benzo(g,h,i)perylene	17.545	276	346014	38.24	ng		99

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

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