Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124073.D
Acq On : 26 May 2021 20:09
Operator : JU/CG
Sample : M2535-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-1DMS

Manual Integrations APPROVED
mohammad
5/27/2021 1:49:06 PM

Quant Time: May 27 04:53:23 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	7.004	152	54515m	20.00	ng		0.10
21) Naphthalene-d8	8.251	136	156898m	20.00	ng		0.07
39) Acenaphthene-d10	9.939	164	94923	20.00	ng		0.00
64) Phenanthrene-d10	11.428	188	168454	20.00	ng	#	0.00
76) Chrysene-d12	14.069	240	111953	20.00	ng		0.00
86) Perylene-d12	15.563	264	98719	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.651	112	308736m	79.52	ng		0.14
7) Phenol-d6	6.604	99	1096154m	217.63	ng		0.08
23) Nitrobenzene-d5	7.563	82	391958m	107.64	ng		0.10
42) 2,4,6-Tribromophenol	10.728	330	115122	100.97	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	424686	55.06	ng		0.00
79) Terphenyl-d14	13.010	244	488579	66.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	46131	27.05	ng		96
3) Pyridine	3.481	79	122396	27.81	ng		89
4) n-Nitrosodimethylamine	3.422	42	87623	30.65	ng		83
6) Aniline	6.598	93	445840m	77.96	ng		
8) 2-Chlorophenol	6.804	128	132745	32.85	ng	#	27
9) Benzaldehyde	6.604	77	8203603	3764.00	ng	#	1
10) Phenol	6.616	94	191957m	37.71	ng		
11) bis(2-Chloroethyl)ether	6.675	93	106060	26.81	ng	#	1
12) 1,3-Dichlorobenzene	6.969	146	151862	32.26	ng		99
13) 1,4-Dichlorobenzene	7.028	146	157234m	32.65	ng		
14) 1,2-Dichlorobenzene	7.187	146	146671m	32.59	ng		
15) Benzyl Alcohol	7.087	79	1698553	390.44	ng	#	15
16) 2,2'-oxybis(1-Chloropr...	7.293	45	128316	16.11	ng	#	1
17) 2-Methylphenol	7.210	107	126723m	38.68	ng		
18) Hexachloroethane	7.581	117	9570859m	5362.07	ng		
19) n-Nitroso-di-n-propyla...	7.351	70	300179	88.20	ng	#	76
20) 3+4-Methylphenols	7.369	107	182357m	42.25	ng		
22) Acetophenone	7.404	105	4110833m	922.68	ng		
24) Nitrobenzene	7.557	77	1348424m	362.14	ng		
25) Isophorone	7.804	82	395786m	56.50	ng		
26) 2-Nitrophenol	7.869	139	86542m	61.79	ng		
27) 2,4-Dimethylphenol	7.904	122	136981	51.07	ng		95
28) bis(2-Chloroethoxy)met...	7.998	93	204630m	58.09	ng		
29) 2,4-Dichlorophenol	8.104	162	129479	47.70	ng		94
30) 1,2,4-Trichlorobenzene	8.204	180	129404	42.40	ng	#	71
31) Naphthalene	8.298	128	11676648	1257.53	ng	#	91
32) Benzoic acid	8.004	122	78773m	53.52	ng		
33) 4-Chloroaniline	8.304	127	2237905	633.11	ng	#	37
34) Hexachlorobutadiene	8.369	225	93292	46.69	ng		95
35) Caprolactam	8.628	113	29360	39.72	ng	#	1
36) 4-Chloro-3-methylphenol	8.769	107	133988	45.13	ng		90
37) 2-Methylnaphthalene	8.951	142	5163525	820.43	ng		98
38) 1-Methylnaphthalene	9.039	142	2449030	417.02	ng		96
40) 1,2,4,5-Tetrachloroben...	9.086	216	141697	41.39	ng		99
41) Hexachlorocyclopentadiene	9.069	237	154072	70.76	ng		95
43) 2,4,6-Trichlorophenol	9.181	196	85183	38.35	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	95956	41.58	ng		95
46) 1,1'-Biphenyl	9.369	154	422664	50.55	ng		99
47) 2-Chloronaphthalene	9.392	162	254638	38.35	ng		99
48) 2-Nitroaniline	9.481	65	107222	47.81	ng		92
49) Acenaphthylene	9.804	152	411053	41.89	ng	#	92
50) Dimethylphthalate	9.663	163	377891	49.86	ng		100
51) 2,6-Dinitrotoluene	9.722	165	70682	46.11	ng		95
52) Acenaphthene	9.975	154	262597	39.10	ng		92
53) 3-Nitroaniline	9.886	138	47370	31.10	ng		90
54) 2,4-Dinitrophenol	9.998	184	60059	73.54	ng	#	81
55) Dibenzofuran	10.145	168	383500	39.76	ng	#	92
56) 4-Nitrophenol	10.057	139	121806	96.67	ng		85
57) 2,4-Dinitrotoluene	10.128	165	118940	63.27	ng	#	94
58) Fluorene	10.492	166	348980	48.01	ng	#	89
59) 2,3,4,6-Tetrachlorophenol	10.263	232	83514	44.01	ng	#	94
60) Diethylphthalate	10.357	149	332716	44.32	ng		95
61) 4-Chlorophenyl-phenyle...	10.481	204	156659	43.00	ng		95
62) 4-Nitroaniline	10.504	138	65506	43.23	ng	#	77
63) Azobenzene	10.639	77	342327	41.00	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	40601	38.61	ng		90
66) n-Nitrosodiphenylamine	10.598	169	303412	47.14	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	96347	43.52	ng		93
68) Hexachlorobenzene	11.039	284	111524	45.12	ng		98
69) Atrazine	11.128	200	97548	53.66	ng		97
70) Pentachlorophenol	11.233	266	116820	79.73	ng		95
71) Phenanthrene	11.451	178	504367	47.24	ng		99
72) Anthracene	11.504	178	490501	45.34	ng		98
73) Carbazole	11.657	167	372281	39.34	ng		96
74) Di-n-butylphthalate	11.980	149	535089	45.17	ng		98
75) Fluoranthene	12.639	202	463254	41.91	ng		98
77) Benzidine	12.757	184	197399	73.08	ng	#	95
78) Pyrene	12.869	202	452867	45.56	ng		97
80) Butylbenzylphthalate	13.486	149	202688	52.00	ng		94
81) Benzo(a)anthracene	14.063	228	341728	42.21	ng		97
82) 3,3'-Dichlorobenzidine	14.021	252	110805	44.05	ng		98
83) Chrysene	14.098	228	329918	42.37	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	317042	57.64	ng		96
85) Di-n-octyl phthalate	14.663	149	406214	48.86	ng	#	91
87) Indeno(1,2,3-cd)pyrene	17.074	276	322396	42.29	ng		97
88) Benzo(b)fluoranthene	15.127	252	321905	42.15	ng		96
89) Benzo(k)fluoranthene	15.157	252	287692	41.34	ng		99
90) Benzo(a)pyrene	15.504	252	291637	44.18	ng		95
91) Dibenzo(a,h)anthracene	17.098	278	271358	42.26	ng		99
92) Benzo(g,h,i)perylene	17.539	276	266024	41.32	ng		97

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

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