Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124074.D
Acq On : 26 May 2021 20:42
Operator : JU/CG
Sample : M2535-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-1DMSD

Manual Integrations APPROVED
mohammad
5/27/2021 1:49:10 PM

Quant Time: May 27 04:53:45 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	7.010	152	49462m	20.00	ng		0.11
21) Naphthalene-d8	8.257	136	156881	20.00	ng		# 0.07
39) Acenaphthene-d10	9.939	164	99249	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	170227	20.00	ng		0.00
76) Chrysene-d12	14.068	240	105317	20.00	ng		0.00
86) Perylene-d12	15.562	264	98128	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	313899	89.10	ng		0.13
7) Phenol-d6	6.616	99	1098287m	240.33	ng		0.09
23) Nitrobenzene-d5	7.569	82	393425	108.05	ng		0.11
42) 2,4,6-Tribromophenol	10.727	330	115255	96.68	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	443424	54.98	ng		0.00
79) Terphenyl-d14	13.010	244	448777	64.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	49694	32.12	ng		98
3) Pyridine	3.493	79	115853	29.01	ng		87
4) n-Nitrosodimethylamine	3.440	42	95984m	37.01	ng		
6) Aniline	6.610	93	475899m	91.72	ng		
8) 2-Chlorophenol	6.810	128	144170m	39.32	ng		
9) Benzaldehyde	6.616	77	8526215	4311.67	ng	#	1
10) Phenol	6.622	94	188291	40.77	ng	#	1
11) bis(2-Chloroethyl)ether	6.687	93	102559	28.57	ng	#	1
12) 1,3-Dichlorobenzene	6.975	146	158700	37.16	ng		98
13) 1,4-Dichlorobenzene	7.034	146	160794m	36.80	ng		
14) 1,2-Dichlorobenzene	7.192	146	154167m	37.76	ng		
15) Benzyl Alcohol	7.104	79	1934428m	490.08	ng		
16) 2,2'-oxybis(1-Chloropr...	7.298	45	137481m	19.02	ng		
17) 2-Methylphenol	7.222	107	118597m	39.89	ng		
18) Hexachloroethane	7.587	117	10108493m	6241.84	ng		
19) n-Nitroso-di-n-propyla...	7.357	70	317605m	102.85	ng		
20) 3+4-Methylphenols	7.375	107	247833m	63.29	ng		
22) Acetophenone	7.410	105	4005580	899.15	ng	#	51
24) Nitrobenzene	7.557	77	1091634	293.21	ng	#	22
25) Isophorone	7.810	82	393868	56.23	ng	#	82
26) 2-Nitrophenol	7.869	139	81272	58.03	ng	#	1
27) 2,4-Dimethylphenol	7.904	122	138179	51.53	ng		96
28) bis(2-Chloroethoxy)met...	8.004	93	226049	64.18	ng	#	88
29) 2,4-Dichlorophenol	8.104	162	137611	50.70	ng		96
30) 1,2,4-Trichlorobenzene	8.204	180	140878	46.16	ng	#	68
31) Naphthalene	8.304	128	12320440	1327.00	ng	#	87
32) Benzoic acid	8.010	122	69727	47.38	ng	#	1
33) 4-Chloroaniline	8.304	127	2359522	667.59	ng	#	37
34) Hexachlorobutadiene	8.369	225	94562	47.33	ng		97
35) Caprolactam	8.669	113	72922m	98.67	ng		
36) 4-Chloro-3-methylphenol	8.769	107	142241	47.92	ng	#	91
37) 2-Methylnaphthalene	8.957	142	5615090	892.28	ng		98
38) 1-Methylnaphthalene	9.045	142	2511625	427.72	ng		96
40) 1,2,4,5-Tetrachloroben...	9.086	216	142969	39.94	ng		98
41) Hexachlorocyclopentadiene	9.075	237	149448	65.64	ng		93
43) 2,4,6-Trichlorophenol	9.181	196	90703m	39.05	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	99538	41.25	ng		93
46) 1,1'-Biphenyl	9.369	154	440292	50.37	ng		100
47) 2-Chloronaphthalene	9.398	162	270153	38.91	ng		99
48) 2-Nitroaniline	9.486	65	111075	47.37	ng		96
49) Acenaphthylene	9.810	152	419677	40.91	ng	#	96
50) Dimethylphthalate	9.663	163	399249	50.38	ng		97
51) 2,6-Dinitrotoluene	9.722	165	73062	45.59	ng	#	82
52) Acenaphthene	9.975	154	272745	38.84	ng		96
53) 3-Nitroaniline	9.886	138	53897	33.84	ng	#	94
54) 2,4-Dinitrophenol	9.998	184	56370	66.76	ng	#	84
55) Dibenzofuran	10.145	168	406022	40.26	ng	#	96
56) 4-Nitrophenol	10.057	139	119470	90.68	ng		92
57) 2,4-Dinitrotoluene	10.128	165	121242	61.68	ng	#	97
58) Fluorene	10.492	166	348943	45.91	ng	#	86
59) 2,3,4,6-Tetrachlorophenol	10.263	232	83463	42.06	ng	#	96
60) Diethylphthalate	10.357	149	347186	44.23	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	156983	41.22	ng		97
62) 4-Nitroaniline	10.504	138	67750	42.77	ng	#	75
63) Azobenzene	10.639	77	344883	39.51	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	37072	35.41	ng		89
66) n-Nitrosodiphenylamine	10.598	169	311706	47.92	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	100083	44.74	ng		95
68) Hexachlorobenzene	11.039	284	112563	45.07	ng		96
69) Atrazine	11.127	200	97912	53.30	ng		96
70) Pentachlorophenol	11.233	266	112310	75.85	ng		98
71) Phenanthrene	11.451	178	505632	46.87	ng		99
72) Anthracene	11.504	178	475264	43.47	ng		99
73) Carbazole	11.657	167	374527	39.16	ng		95
74) Di-n-butylphthalate	11.980	149	527317	44.05	ng		98
75) Fluoranthene	12.639	202	427729	38.29	ng		98
77) Benzidine	12.757	184	186177m	73.27	ng		
78) Pyrene	12.869	202	436309	46.66	ng		98
80) Butylbenzylphthalate	13.486	149	178501	48.68	ng		97
81) Benzo(a)anthracene	14.063	228	327457	42.99	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	108510	45.86	ng		96
83) Chrysene	14.098	228	299541	40.89	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	283222	54.74	ng		97
85) Di-n-octyl phthalate	14.663	149	368343	47.10	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.086	276	323034	42.63	ng		97
88) Benzo(b)fluoranthene	15.127	252	309582	40.78	ng		99
89) Benzo(k)fluoranthene	15.157	252	283664	41.00	ng		98
90) Benzo(a)pyrene	15.504	252	286687	43.69	ng		96
91) Dibenzo(a,h)anthracene	17.098	278	275914	43.23	ng		98
92) Benzo(g,h,i)perylene	17.539	276	263242	41.13	ng		99

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

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