Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124668.D
Acq On : 21 Jul 2021 18:38
Operator : JU/CG
Sample : M3076-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1-SPLP

Manual Integrations APPROVED
mohammad
7/22/2021 1:29:00 PM

Quant Time: Jul 22 01:29:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	5337	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	21690	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	11413	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	18773	20.000	ng	0.00
76) Chrysene-d12	14.057	240	12395	20.000	ng	0.00
86) Perylene-d12	15.539	264	13240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	30256	98.221	ng	0.00
7) Phenol-d6	6.510	99	25033	66.803	ng	-0.01
23) Nitrobenzene-d5	7.457	82	36221	105.419	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	14356	161.641	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	84210	107.595	ng	0.00
79) Terphenyl-d14	13.004	244	77386	104.838	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.698	88	3448	33.360	ng	# 100
3) Pyridine	3.463	79	5856	22.661	ng	96
4) n-Nitrosodimethylamine	3.398	42	6992m	33.289	ng	
6) Aniline	6.551	93	17725	44.892	ng	97
8) 2-Chlorophenol	6.675	128	17479	50.613	ng	98
9) Benzaldehyde	6.439	77	11753	53.461	ng	88
10) Phenol	6.522	94	9249	25.280	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	16959	59.791	ng	95
12) 1,3-Dichlorobenzene	6.833	146	18844	49.855	ng	91
13) 1,4-Dichlorobenzene	6.910	146	18846	48.816	ng	96
14) 1,2-Dichlorobenzene	7.063	146	18408	50.173	ng	97
15) Benzyl Alcohol	7.028	79	12024	46.373	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	28908	59.131	ng	98
17) 2-Methylphenol	7.139	107	11662	46.135	ng	97
18) Hexachloroethane	7.404	117	7390	50.832	ng	88
19) n-Nitroso-di-n-propyla...	7.304	70	12559	59.611	ng	# 97
20) 3+4-Methylphenols	7.292	107	14438	43.382	ng	# 86
22) Acetophenone	7.298	105	26691	54.223	ng	# 97
24) Nitrobenzene	7.475	77	17462	51.254	ng	98
25) Isophorone	7.716	82	32922	52.195	ng	95
26) 2-Nitrophenol	7.786	139	10408	56.632	ng	92
27) 2,4-Dimethylphenol	7.822	122	17737	58.242	ng	94
28) bis(2-Chloroethoxy)met...	7.922	93	21567	58.617	ng	98
29) 2,4-Dichlorophenol	8.028	162	16167	51.467	ng	96
30) 1,2,4-Trichlorobenzene	8.116	180	17254	49.635	ng	99
31) Naphthalene	8.198	128	55468	49.443	ng	98
32) Benzoic acid	7.910	122	5634	26.958	ng	95
33) 4-Chloroaniline	8.239	127	16134	38.058	ng	98
34) Hexachlorobutadiene	8.316	225	9792	49.905	ng	95
35) Caprolactam	8.622	113	1051m	13.228	ng	
36) 4-Chloro-3-methylphenol	8.716	107	15260	49.127	ng	98
37) 2-Methylnaphthalene	8.886	142	39508	52.189	ng	99
38) 1-Methylnaphthalene	8.986	142	36647	51.546	ng	94
40) 1,2,4,5-Tetrachloroben...	9.057	216	17561	57.691	ng	97
41) Hexachlorocyclopentadiene	9.045	237	24271	127.642	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	12290	55.925	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	12428	54.833	ng		98
46) 1,1'-Biphenyl	9.351	154	47433	54.721	ng		99
47) 2-Chloronaphthalene	9.380	162	36877	54.262	ng		99
48) 2-Nitroaniline	9.474	65	9775	59.812	ng		88
49) Acenaphthylene	9.798	152	56801	53.558	ng		99
50) Dimethylphthalate	9.657	163	44714	56.311	ng		99
51) 2,6-Dinitrotoluene	9.716	165	9362	59.807	ng		98
52) Acenaphthene	9.969	154	40234	59.331	ng		98
53) 3-Nitroaniline	9.880	138	6222	35.620	ng	#	88
54) 2,4-Dinitrophenol	9.992	184	10142	124.165	ng	#	83
55) Dibenzofuran	10.139	168	52952	53.108	ng		99
56) 4-Nitrophenol	10.033	139	7968	54.807	ng		87
57) 2,4-Dinitrotoluene	10.116	165	12399	57.857	ng	#	93
58) Fluorene	10.480	166	40508	52.524	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.251	232	9766	55.792	ng	#	96
60) Diethylphthalate	10.357	149	47361	57.044	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	20246	57.835	ng		93
62) 4-Nitroaniline	10.498	138	8804	50.009	ng		88
63) Azobenzene	10.633	77	38890	53.588	ng		99
65) 4,6-Dinitro-2-methylph...	10.527	198	6011	56.052	ng	#	73
66) n-Nitrosodiphenylamine	10.592	169	34950	57.175	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	11769	60.627	ng	#	90
68) Hexachlorobenzene	11.027	284	11816	59.411	ng		96
69) Atrazine	11.121	200	9597	51.263	ng		96
70) Pentachlorophenol	11.221	266	14198	112.860	ng		93
71) Phenanthrene	11.445	178	54928	53.631	ng		99
72) Anthracene	11.498	178	56457	54.946	ng		98
73) Carbazole	11.651	167	45819	48.260	ng		98
74) Di-n-butylphthalate	11.980	149	73004	57.081	ng		99
75) Fluoranthene	12.633	202	52281	50.594	ng		99
77) Benzidine	12.751	184	24466	52.800	ng		99
78) Pyrene	12.863	202	51209	49.727	ng		99
80) Butylbenzylphthalate	13.480	149	27121	54.468	ng		96
81) Benzo(a)anthracene	14.045	228	43884	53.384	ng		100
82) 3,3'-Dichlorobenzidine	14.009	252	12813	59.505	ng		98
83) Chrysene	14.086	228	43087	54.715	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	44421	66.448	ng		98
85) Di-n-octyl phthalate	14.651	149	78915	81.580	ng		100
87) Indeno(1,2,3-cd)pyrene	17.039	276	54838	71.416	ng		98
88) Benzo(b)fluoranthene	15.104	252	49720m	52.319	ng		
89) Benzo(k)fluoranthene	15.139	252	43222m	49.570	ng		
90) Benzo(a)pyrene	15.480	252	46187	58.878	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	46394	70.983	ng		98
92) Benzo(g,h,i)perylene	17.497	276	45747	71.690	ng	#	90

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

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