Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124688.D
Acq On : 22 Jul 2021 13:42
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:14 AM

Quant Time: Jul 22 14:10:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 13:28:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	7266	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	26349	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	14567	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	24958	20.000	ng		0.00
76) Chrysene-d12	14.039	240	17321	20.000	ng		0.00
86) Perylene-d12	15.509	264	13731	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	48751	116.246	ng		0.00
7) Phenol-d6	6.504	99	61587	120.718	ng		0.00
23) Nitrobenzene-d5	7.445	82	52532	125.857	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	15522	136.929	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	115995	116.118	ng		0.00
79) Terphenyl-d14	12.992	244	125196	121.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	9290	67.724	ng	#	100
3) Pyridine	3.398	79	21193	60.238	ng		95
4) n-Nitrosodimethylamine	3.369	42	16873	59.005	ng	#	97
6) Aniline	6.539	93	32626	60.695	ng		96
8) 2-Chlorophenol	6.663	128	27576	58.652	ng		95
9) Benzaldehyde	6.422	77	13569	45.336	ng		95
10) Phenol	6.516	94	29904	60.037	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	23586	61.079	ng		98
12) 1,3-Dichlorobenzene	6.816	146	29886	58.077	ng		97
13) 1,4-Dichlorobenzene	6.892	146	29920	56.925	ng		98
14) 1,2-Dichlorobenzene	7.045	146	28753	57.564	ng		96
15) Benzyl Alcohol	7.016	79	20947	59.339	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	39698	59.644	ng		97
17) 2-Methylphenol	7.122	107	20498	59.562	ng		99
18) Hexachloroethane	7.386	117	11693	59.077	ng		91
19) n-Nitroso-di-n-propyla...	7.298	70	17114	59.666	ng		94
20) 3+4-Methylphenols	7.281	107	26524	58.539	ng		94
22) Acetophenone	7.286	105	36551	61.124	ng	#	95
24) Nitrobenzene	7.463	77	25626	61.917	ng		97
25) Isophorone	7.704	82	46428	60.592	ng		95
26) 2-Nitrophenol	7.775	139	14724	65.950	ng		96
27) 2,4-Dimethylphenol	7.804	122	21549	58.248	ng		92
28) bis(2-Chloroethoxy)met...	7.910	93	27221	60.903	ng		99
29) 2,4-Dichlorophenol	8.016	162	23714	62.145	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	25425	60.208	ng		99
31) Naphthalene	8.180	128	81692	59.943	ng		98
32) Benzoic acid	7.945	122	17752	68.845	ng		97
33) 4-Chloroaniline	8.227	127	30277	58.791	ng		96
34) Hexachlorobutadiene	8.298	225	15495	65.007	ng		96
35) Caprolactam	8.616	113	6017m	62.340	ng		
36) 4-Chloro-3-methylphenol	8.704	107	23041	61.061	ng		96
37) 2-Methylnaphthalene	8.869	142	53861	58.569	ng		99
38) 1-Methylnaphthalene	8.969	142	50786	58.803	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	24121	62.084	ng		95
41) Hexachlorocyclopentadiene	9.022	237	13164	54.240	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	17235	61.447	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	17528	60.591	ng		94
46) 1,1'-Biphenyl	9.339	154	64257	58.080	ng		98
47) 2-Chloronaphthalene	9.363	162	49913	57.542	ng		98
48) 2-Nitroaniline	9.457	65	13543	64.926	ng		98
49) Acenaphthylene	9.780	152	76828	56.757	ng		100
50) Dimethylphthalate	9.645	163	59106	58.319	ng		98
51) 2,6-Dinitrotoluene	9.704	165	13275	66.443	ng		95
52) Acenaphthene	9.951	154	51451	59.444	ng		96
53) 3-Nitroaniline	9.869	138	14089	63.193	ng		95
54) 2,4-Dinitrophenol	9.969	184	7980	76.544	ng		93
55) Dibenzofuran	10.121	168	75128	59.035	ng		98
56) 4-Nitrophenol	10.022	139	11188	60.293	ng		92
57) 2,4-Dinitrotoluene	10.104	165	17683	64.648	ng	#	94
58) Fluorene	10.463	166	56206	57.099	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	14532	65.045	ng	#	94
60) Diethylphthalate	10.339	149	61630	58.159	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	26843	60.078	ng		91
62) 4-Nitroaniline	10.492	138	13598	60.516	ng		95
63) Azobenzene	10.616	77	54643	58.992	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	10215	71.648	ng		97
66) n-Nitrosodiphenylamine	10.580	169	49669	61.118	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	15998	61.990	ng	#	85
68) Hexachlorobenzene	11.010	284	16665	63.026	ng		95
69) Atrazine	11.104	200	14745	59.243	ng		92
70) Pentachlorophenol	11.198	266	11280	67.444	ng		93
71) Phenanthrene	11.427	178	80858	59.383	ng		98
72) Anthracene	11.480	178	80879	59.208	ng		98
73) Carbazole	11.633	167	74022	58.644	ng		99
74) Di-n-butylphthalate	11.963	149	100499	59.106	ng		99
75) Fluoranthene	12.615	202	82170	59.813	ng		99
77) Benzidine	12.733	184	24695	38.137	ng		100
78) Pyrene	12.845	202	83746	58.194	ng		98
80) Butylbenzylphthalate	13.462	149	41402	59.502	ng		95
81) Benzo(a)anthracene	14.033	228	69360	60.380	ng		96
82) 3,3'-Dichlorobenzidine	13.992	252	18338	60.944	ng		97
83) Chrysene	14.068	228	67208	61.073	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	58900	63.050	ng		100
85) Di-n-octyl phthalate	14.633	149	95522	70.664	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	46756	58.713	ng		98
88) Benzo(b)fluoranthene	15.080	252	59051	59.916	ng		98
89) Benzo(k)fluoranthene	15.115	252	51422	56.865	ng		97
90) Benzo(a)pyrene	15.451	252	48140	59.173	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	41481	61.197	ng	#	93
92) Benzo(g,h,i)perylene	17.445	276	39636	59.893	ng		93

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

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