Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070721\
Data File : BF124539.D
Acq On : 7 Jul 2021 20:41
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
7/8/2021 12:39:42 PM

Quant Time: Jul 08 04:22:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 04:18:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	7517	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	27144	20.000	ng		0.00
39) Acenaphthene-d10	9.975	164	14739	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	25411	20.000	ng		0.00
76) Chrysene-d12	14.104	240	15394	20.000	ng		0.00
86) Perylene-d12	15.592	264	11345	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	49274	103.090	ng		0.01
7) Phenol-d6	6.563	99	59718	95.689	ng		0.02
23) Nitrobenzene-d5	7.504	82	51979	79.398	ng		0.01
42) 2,4,6-Tribromophenol	10.769	330	13101	74.398	ng		0.01
45) 2-Fluorobiphenyl	9.292	172	116697	96.989	ng		0.00
79) Terphenyl-d14	13.051	244	114650	111.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	8414	40.938	ng	#	100
3) Pyridine	3.581	79	21254	47.158	ng		91
4) n-Nitrosodimethylamine	3.563	42	17975	73.925	ng	#	97
6) Aniline	6.604	93	32370	46.428	ng		96
8) 2-Chlorophenol	6.722	128	27211	51.226	ng		94
10) Phenol	6.575	94	30083	44.581	ng		97
11) bis(2-Chloroethyl)ether	6.669	93	23167	47.471	ng		98
12) 1,3-Dichlorobenzene	6.875	146	30743	47.650	ng		94
13) 1,4-Dichlorobenzene	6.951	146	30419	46.497	ng		98
14) 1,2-Dichlorobenzene	7.104	146	28657	46.514	ng		98
15) Benzyl Alcohol	7.075	79	21337	39.858	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.210	45	39637	63.311	ng		99
17) 2-Methylphenol	7.175	107	20466	48.148	ng		96
18) Hexachloroethane	7.445	117	11983	50.276	ng		90
19) n-Nitroso-di-n-propyla...	7.357	70	17246	41.091	ng		97
20) 3+4-Methylphenols	7.334	107	26813	48.326	ng		90
22) Acetophenone	7.345	105	35822	47.408	ng	#	96
24) Nitrobenzene	7.522	77	25742	39.360	ng		95
25) Isophorone	7.763	82	46623	41.423	ng		99
26) 2-Nitrophenol	7.828	139	14458	45.448	ng	#	89
27) 2,4-Dimethylphenol	7.863	122	22797	53.763	ng		96
28) bis(2-Chloroethoxy)met...	7.963	93	27318	47.884	ng		98
29) 2,4-Dichlorophenol	8.069	162	23937	47.556	ng		96
30) 1,2,4-Trichlorobenzene	8.151	180	25157	44.071	ng		100
31) Naphthalene	8.239	128	82304	51.537	ng		97
32) Benzoic acid	8.010	122	17807m	81.040	ng		
33) 4-Chloroaniline	8.281	127	31080	51.816	ng		99
34) Hexachlorobutadiene	8.351	225	14735	38.609	ng		97
35) Caprolactam	8.681	113	6335m	48.028	ng		
36) 4-Chloro-3-methylphenol	8.763	107	22985	45.211	ng		99
37) 2-Methylnaphthalene	8.928	142	54267	48.020	ng		98
38) 1-Methylnaphthalene	9.028	142	51841	49.319	ng		98
40) 1,2,4,5-Tetrachloroben...	9.092	216	23446	44.263	ng		98
41) Hexachlorocyclopentadiene	9.081	237	14893	362.354	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	17478	52.581	ng		95
44) 2,4,5-Trichlorophenol	9.239	196	17260	49.211	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.398	154	64440	51.440	ng		99
47) 2-Chloronaphthalene	9.422	162	51222	49.988	ng		99
48) 2-Nitroaniline	9.510	65	13443	39.880	ng		97
49) Acenaphthylene	9.839	152	79437	53.631	ng		99
50) Dimethylphthalate	9.704	163	59327	51.053	ng		99
51) 2,6-Dinitrotoluene	9.757	165	12752	47.506	ng	#	81
52) Acenaphthene	10.010	154	51712	54.983	ng		97
53) 3-Nitroaniline	9.933	138	14468	60.888	ng		89
54) 2,4-Dinitrophenol	10.028	184	7145	88.702	ng		86
55) Dibenzofuran	10.181	168	73152	48.800	ng		98
56) 4-Nitrophenol	10.075	139	11634	93.333	ng		90
57) 2,4-Dinitrotoluene	10.163	165	17217	48.389	ng	#	94
58) Fluorene	10.522	166	56241	48.828	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	13706	53.433	ng	#	96
60) Diethylphthalate	10.398	149	62125	53.727	ng		100
61) 4-Chlorophenyl-phenyle...	10.516	204	25745	45.103	ng		93
62) 4-Nitroaniline	10.551	138	13565	59.336	ng		86
63) Azobenzene	10.675	77	54871	47.672	ng		99
65) 4,6-Dinitro-2-methylph...	10.575	198	9261	50.844	ng		82
66) n-Nitrosodiphenylamine	10.639	169	48836	50.097	ng		98
67) 4-Bromophenyl-phenylether	11.004	248	15049	44.021	ng	#	80
68) Hexachlorobenzene	11.069	284	15472	41.656	ng		94
69) Atrazine	11.163	200	14345	57.038	ng		95
70) Pentachlorophenol	11.257	266	10261	132.307	ng		97
71) Phenanthrene	11.486	178	79874	49.863	ng		98
72) Anthracene	11.539	178	79840	50.023	ng		99
73) Carbazole	11.692	167	73853	53.093	ng		99
74) Di-n-butylphthalate	12.022	149	100421	60.626	ng		98
75) Fluoranthene	12.674	202	80437	49.899	ng		98
77) Benzidine	12.792	184	30359	98.404	ng		98
78) Pyrene	12.910	202	81906	58.289	ng		99
80) Butylbenzylphthalate	13.521	149	39208	70.268	ng		95
81) Benzo(a)anthracene	14.092	228	62387	56.212	ng		97
82) 3,3'-Dichlorobenzidine	14.057	252	15780	44.376	ng		97
83) Chrysene	14.133	228	59747	54.322	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	52697	70.489	ng		98
85) Di-n-octyl phthalate	14.692	149	76253	65.492	ng		100
87) Indeno(1,2,3-cd)pyrene	17.115	276	43874	49.039	ng		98
88) Benzo(b)fluoranthene	15.157	252	48105	55.955	ng		98
89) Benzo(k)fluoranthene	15.192	252	45652	58.043	ng		96
90) Benzo(a)pyrene	15.533	252	40771	53.368	ng		98
91) Dibenzo(a,h)anthracene	17.139	278	37723	48.949	ng		95
92) Benzo(g,h,i)perylene	17.580	276	36979	48.764	ng		93

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

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