Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070721\
Data File : BF124538.D
Acq On : 7 Jul 2021 20:06
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
7/8/2021 12:39:40 PM

Quant Time: Jul 08 04:22:08 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	7462	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	27187	20.000	ng		0.00
39) Acenaphthene-d10	9.975	164	14851	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	26315	20.000	ng		0.00
76) Chrysene-d12	14.104	240	16583	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	11475	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	41730	87.950	ng		0.00
7) Phenol-d6	6.557	99	50546	81.589	ng		0.01
23) Nitrobenzene-d5	7.498	82	43552	66.421	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	11373	64.098	ng		0.00
45) 2-Fluorobiphenyl	9.292	172	98852	81.538	ng		0.00
79) Terphenyl-d14	13.051	244	98077	88.584	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	7278	35.672	ng	#	100
3) Pyridine	3.569	79	18320	40.948	ng		97
4) n-Nitrosodimethylamine	3.551	42	14813	61.370	ng		99
6) Aniline	6.604	93	27465	39.683	ng		96
8) 2-Chlorophenol	6.716	128	23648	44.847	ng		97
9) Benzaldehyde	6.481	77	12772	44.287	ng		94
10) Phenol	6.569	94	25378	37.885	ng		98
11) bis(2-Chloroethyl)ether	6.669	93	19117	39.461	ng		93
12) 1,3-Dichlorobenzene	6.869	146	25898	40.437	ng		98
13) 1,4-Dichlorobenzene	6.945	146	25995	40.028	ng		96
14) 1,2-Dichlorobenzene	7.104	146	24244	39.641	ng		97
15) Benzyl Alcohol	7.069	79	18486	34.787	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.204	45	33549	53.982	ng		98
17) 2-Methylphenol	7.175	107	17366	41.156	ng		98
18) Hexachloroethane	7.445	117	9975	42.160	ng		84
19) n-Nitroso-di-n-propyla...	7.351	70	14625	35.103	ng		97
20) 3+4-Methylphenols	7.334	107	22900	41.578	ng		96
22) Acetophenone	7.345	105	30347	40.098	ng	#	97
24) Nitrobenzene	7.516	77	21559	32.912	ng		99
25) Isophorone	7.757	82	39480	35.021	ng		96
26) 2-Nitrophenol	7.828	139	11970	37.568	ng		93
27) 2,4-Dimethylphenol	7.857	122	19677	46.332	ng		97
28) bis(2-Chloroethoxy)met...	7.963	93	22637	39.616	ng		99
29) 2,4-Dichlorophenol	8.063	162	20049	39.769	ng		97
30) 1,2,4-Trichlorobenzene	8.151	180	21133	36.963	ng		99
31) Naphthalene	8.239	128	70436	44.036	ng		98
32) Benzoic acid	7.998	122	13976	63.505	ng		95
33) 4-Chloroaniline	8.281	127	25594	42.602	ng		97
34) Hexachlorobutadiene	8.351	225	12940	33.852	ng		97
35) Caprolactam	8.675	113	5110m	38.680	ng		
36) 4-Chloro-3-methylphenol	8.757	107	20009	39.295	ng		96
37) 2-Methylnaphthalene	8.928	142	46666	41.229	ng		99
38) 1-Methylnaphthalene	9.028	142	44404	42.177	ng		97
40) 1,2,4,5-Tetrachloroben...	9.092	216	19432	36.409	ng		98
41) Hexachlorocyclopentadiene	9.080	237	12234	295.415	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	14697	43.881	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	14685	41.554	ng		97
46) 1,1'-Biphenyl	9.392	154	55182	43.718	ng		97
47) 2-Chloronaphthalene	9.416	162	43160	41.803	ng		98
48) 2-Nitroaniline	9.510	65	10910	32.122	ng		97
49) Acenaphthylene	9.833	152	67725	45.379	ng		98
50) Dimethylphthalate	9.698	163	50730	43.326	ng		98
51) 2,6-Dinitrotoluene	9.757	165	10619	39.261	ng		93
52) Acenaphthene	10.010	154	42633	44.988	ng		98
53) 3-Nitroaniline	9.927	138	11738	49.027	ng		99
54) 2,4-Dinitrophenol	10.027	184	5526	68.086	ng		86
55) Dibenzofuran	10.180	168	63048	41.742	ng		98
56) 4-Nitrophenol	10.075	139	9954	79.253	ng		93
57) 2,4-Dinitrotoluene	10.157	165	14775	41.212	ng		91
58) Fluorene	10.522	166	47869	41.246	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	11628	44.990	ng	#	95
60) Diethylphthalate	10.392	149	53286	45.735	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	22496	39.114	ng		97
62) 4-Nitroaniline	10.545	138	11574	50.245	ng		95
63) Azobenzene	10.674	77	46818	40.369	ng		99
65) 4,6-Dinitro-2-methylph...	10.569	198	7636	40.482	ng		89
66) n-Nitrosodiphenylamine	10.633	169	41734	41.341	ng		96
67) 4-Bromophenyl-phenylether	11.004	248	13209	37.312	ng	#	89
68) Hexachlorobenzene	11.069	284	13902	36.143	ng		96
69) Atrazine	11.157	200	12131	46.578	ng		95
70) Pentachlorophenol	11.257	266	8880	110.567	ng		92
71) Phenanthrene	11.486	178	67375	40.616	ng		98
72) Anthracene	11.539	178	67221	40.670	ng		99
73) Carbazole	11.686	167	63307	43.948	ng		99
74) Di-n-butylphthalate	12.016	149	85686	49.953	ng		100
75) Fluoranthene	12.674	202	69188	41.446	ng		99
77) Benzidine	12.792	184	26982	81.187	ng		98
78) Pyrene	12.904	202	69905	46.181	ng		98
80) Butylbenzylphthalate	13.515	149	33701	56.068	ng		98
81) Benzo(a)anthracene	14.092	228	54161	45.301	ng		97
82) 3,3'-Dichlorobenzidine	14.051	252	14119	36.858	ng		98
83) Chrysene	14.127	228	52517	44.325	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	45004	55.882	ng		94
85) Di-n-octyl phthalate	14.692	149	64228	51.208	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	36157	39.956	ng		99
88) Benzo(b)fluoranthene	15.157	252	41286	47.479	ng		99
89) Benzo(k)fluoranthene	15.186	252	38057	47.838	ng	#	97
90) Benzo(a)pyrene	15.533	252	34133	44.173	ng		98
91) Dibenzo(a,h)anthracene	17.139	278	30440	39.051	ng		99
92) Benzo(g,h,i)perylene	17.580	276	31208	40.688	ng		95

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

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