Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
Data File : BF120577.D
Acq On : 9 Jun 2020 12:37
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:50 AM

Quant Time: Jun 09 15:01:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:52:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	211778	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	824198	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	434897	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	851816	20.00	ng		0.00
76) Chrysene-d12	13.96	240	748992	20.00	ng		0.00
86) Perylene-d12	15.40	264	822679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	246580	22.19	ng		0.00
7) Phenol-d6	6.43	99	313922	22.92	ng		-0.01
23) Nitrobenzene-d5	7.36	82	284917	22.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	94779	23.52	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	596323	23.26	ng		0.00
79) Terphenyl-d14	12.90	244	760038	22.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	53280	9.679	ng		98
3) Pyridine	3.25	79	143758	9.429	ng		99
4) n-Nitrosodimethylamine	3.17	42	60354	9.355	ng	#	94
6) Aniline	6.46	93	213478	11.178	ng		98
8) 2-Chlorophenol	6.58	128	140879	11.243	ng		100
9) Benzaldehyde	6.35	77	98224	11.766	ng		98
10) Phenol	6.44	94	185565	12.389	ng		90
11) bis(2-Chloroethyl)ether	6.53	93	139730	11.164	ng		98
12) 1,3-Dichlorobenzene	6.74	146	153769	11.170	ng		99
13) 1,4-Dichlorobenzene	6.82	146	155865	11.348	ng		98
14) 1,2-Dichlorobenzene	6.97	146	148629	11.716	ng		100
15) Benzyl Alcohol	6.94	79	117401	11.370	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	213818	10.836	ng		100
17) 2-Methylphenol	7.05	107	124332	11.096	ng		98
18) Hexachloroethane	7.31	117	55781	11.095	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	100001	11.485	ng		96
20) 3+4-Methylphenols	7.20	107	157813	11.149	ng		92
22) Acetophenone	7.20	105	198552	11.862	ng		99
24) Nitrobenzene	7.37	77	150980	11.124	ng		94
25) Isophorone	7.62	82	275267	10.870	ng		97
26) 2-Nitrophenol	7.70	139	70897	11.585	ng		96
27) 2,4-Dimethylphenol	7.73	122	112545	10.590	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	167850	11.006	ng		98
29) 2,4-Dichlorophenol	7.94	162	115544	10.764	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	131824	10.943	ng		99
31) Naphthalene	8.10	128	427684	11.815	ng		99
32) Benzoic acid	7.82	122	66619	8.447	ng		98
33) 4-Chloroaniline	8.15	127	176350	10.993	ng		100
34) Hexachlorobutadiene	8.22	225	79315	11.108	ng		99
35) Caprolactam	8.49	113	35496	10.211	ng		98
36) 4-Chloro-3-methylphenol	8.63	107	116672	10.713	ng		98
37) 2-Methylnaphthalene	8.79	142	273418	11.404	ng		100
38) 1-Methylnaphthalene	8.89	142	259734	11.477	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	127850	11.464	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	60120	9.659	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	86365	10.707	ng		97
44) 2,4,5-Trichlorophenol	9.11	196	99910	10.927	ng		99
46) 1,1'-Biphenyl	9.26	154	332564	11.641	ng		98
47) 2-Chloronaphthalene	9.28	162	269774	11.467	ng		99
48) 2-Nitroaniline	9.37	65	78480	10.953	ng		100
49) Acenaphthylene	9.70	152	422479	11.621	ng		98
50) Dimethylphthalate	9.55	163	308725	11.355	ng		99
51) 2,6-Dinitrotoluene	9.62	165	65639	10.863	ng		99
52) Acenaphthene	9.87	154	250584m	11.044	ng		
53) 3-Nitroaniline	9.78	138	79725	11.236	ng		92
54) 2,4-Dinitrophenol	9.89	184	22746	11.105	ng		99
55) Dibenzofuran	10.04	168	384313	11.656	ng		98
56) 4-Nitrophenol	9.95	139	52359	9.639	ng		93
57) 2,4-Dinitrotoluene	10.02	165	85813	11.097	ng	#	89
58) Fluorene	10.38	166	290805	11.753	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	73863	10.367	ng		100
60) Diethylphthalate	10.25	149	304036	11.066	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	152028	11.333	ng		99
62) 4-Nitroaniline	10.39	138	75711	11.303	ng		98
63) Azobenzene	10.53	77	286923	11.102	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	37342	12.019	ng		90
66) n-Nitrosodiphenylamine	10.49	169	253998	10.734	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	92918	10.806	ng		95
68) Hexachlorobenzene	10.93	284	100912	11.020	ng	#	90
69) Atrazine	11.02	200	77187	11.573	ng		96
70) Pentachlorophenol	11.13	266	42729	7.632	ng		99
71) Phenanthrene	11.34	178	447298	11.917	ng		100
72) Anthracene	11.39	178	451424	11.987	ng		99
73) Carbazole	11.55	167	435078	11.945	ng		99
74) Di-n-butylphthalate	11.88	149	520353	12.281	ng		99
75) Fluoranthene	12.53	202	497590	12.321	ng		98
77) Benzidine	12.65	184	206278	10.482	ng		97
78) Pyrene	12.76	202	518164	9.948	ng		99
80) Butylbenzylphthalate	13.38	149	217734	10.013	ng		96
81) Benzo(a)anthracene	13.94	228	472325	11.766	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	172246	11.819	ng		98
83) Chrysene	13.99	228	464466	11.037	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	313847	12.295	ng	#	98
85) Di-n-octyl phthalate	14.55	149	545545	12.351	ng		100
87) Indeno(1,2,3-cd)pyrene	16.82	276	517439	11.500	ng		99
88) Benzo(b)fluoranthene	14.98	252	450458	9.858	ng		99
89) Benzo(k)fluoranthene	15.01	252	461039	10.808	ng		99
90) Benzo(a)pyrene	15.34	252	425668	10.650	ng		99
91) Dibenzo(a,h)anthracene	16.83	278	430789	11.743	ng		99
92) Benzo(g,h,i)perylene	17.24	276	416555	11.513	ng		99

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

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