Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120278.D
Acq On : 14 May 2020 9:21
Operator : MA/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:41 PM

Quant Time: May 14 12:45:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 10:46:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	311575	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1294774	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	680860	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1307518	20.00	ng		0.00
76) Chrysene-d12	13.78	240	982327	20.00	ng		0.00
87) Perylene-d12	15.17	264	906771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	351585	17.05	ng		0.00
7) Phenol-d6	6.27	99	484940	19.62	ng		-0.01
23) Nitrobenzene-d5	7.19	82	432375	18.11	ng		-0.01
42) 2,4,6-Tribromophenol	10.45	330	132568	18.65	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.73	244	1081283	21.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	60991	6.508	ng		100
3) Pyridine	2.88	79	195148	7.549	ng		95
4) n-Nitrosodimethylamine	2.82	42	75053	7.180	ng		97
6) Aniline	6.28	93	297703	9.763	ng		96
8) 2-Chlorophenol	6.41	128	214531	10.094	ng		96
9) Benzaldehyde	6.17	77	153910	12.405	ng		96
10) Phenol	6.29	94	266433	9.697	ng		96
11) bis(2-Chloroethyl)ether	6.36	93	239705	10.765	ng		97
12) 1,3-Dichlorobenzene	6.56	146	224766	10.054	ng		98
13) 1,4-Dichlorobenzene	6.64	146	237589	10.073	ng		95
14) 1,2-Dichlorobenzene	6.79	146	227248	10.910	ng		96
15) Benzyl Alcohol	6.77	79	166840	10.236	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	366729	11.083	ng		99
17) 2-Methylphenol	6.89	107	176012	9.815	ng		97
18) Hexachloroethane	7.13	117	85425	10.252	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	154092	10.369	ng		92
20) 3+4-Methylphenols	7.05	107	241502	10.479	ng		92
22) Acetophenone	7.03	105	312048	9.955	ng	#	97
24) Nitrobenzene	7.20	77	236598	9.710	ng		97
25) Isophorone	7.45	82	440980	9.242	ng		99
26) 2-Nitrophenol	7.53	139	110772	8.462	ng		93
27) 2,4-Dimethylphenol	7.57	122	171023	8.983	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	279507	9.620	ng		99
29) 2,4-Dichlorophenol	7.78	162	178849	9.406	ng		97
30) 1,2,4-Trichlorobenzene	7.85	180	200423	9.359	ng		99
31) Naphthalene	7.93	128	645075	9.886	ng		97
32) Benzoic acid	7.68	122	62656	4.952	ng		93
33) 4-Chloroaniline	7.99	127	276719	9.641	ng		100
34) Hexachlorobutadiene	8.05	225	116081	9.425	ng		96
35) Caprolactam	8.33	113	55529	9.594	ng		98
36) 4-Chloro-3-methylphenol	8.48	107	192684	9.408	ng		100
37) 2-Methylnaphthalene	8.62	142	440721	9.884	ng		99
38) 1-Methylnaphthalene	8.72	142	426723	9.819	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	199032	9.687	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	31927	4.357	ng		99
43) 2,4,6-Trichlorophenol	8.90	196	122142	9.297	ng		97
44) 2,4,5-Trichlorophenol	8.96	196	145441	9.660	ng		98
46) 1,1'-Biphenyl	9.09	154	541895	10.020	ng		96
47) 2-Chloronaphthalene	9.11	162	421938	10.219	ng		96
48) 2-Nitroaniline	9.21	65	140681	9.575	ng		99
49) Acenaphthylene	9.52	152	674690	10.459	ng		98
50) Dimethylphthalate	9.39	163	497880	9.748	ng		99
51) 2,6-Dinitrotoluene	9.45	165	106393	9.504	ng		95
52) Acenaphthene	9.69	154	390548	9.997	ng		99
53) 3-Nitroaniline	9.62	138	126391	9.498	ng		99
54) 2,4-Dinitrophenol	9.74	184	33576	6.007	ng	#	84
55) Dibenzofuran	9.87	168	610245	10.734	ng		97
56) 4-Nitrophenol	9.82	139	51250	7.101	ng		90
57) 2,4-Dinitrotoluene	9.86	165	138239	10.117	ng		88
58) Fluorene	10.21	166	478879	10.735	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	110838	9.355	ng		96
60) Diethylphthalate	10.09	149	510606	10.023	ng		100
61) 4-Chlorophenyl-phenylether	10.20	204	244398	10.843	ng		94
62) 4-Nitroaniline	10.23	138	121169	9.106	ng		98
63) Azobenzene	10.36	77	481906	10.097	ng		98
65) 4,6-Dinitro-2-methylphenol	10.27	198	56279	6.428	ng		97
66) n-Nitrosodiphenylamine	10.32	169	429004	9.129	ng		99
67) 4-Bromophenyl-phenylether	10.69	248	145521	8.870	ng		96
68) Hexachlorobenzene	10.76	284	153043	8.983	ng	#	89
69) Atrazine	10.85	200	126860	12.724	ng		99
70) Pentachlorophenol	10.96	266	49132	7.026	ng		94
71) Phenanthrene	11.17	178	665438	10.198	ng		99
72) Anthracene	11.22	178	728923	10.418	ng		97
73) Carbazole	11.38	167	671920	9.590	ng		97
74) Di-n-butylphthalate	11.71	149	843379	9.536	ng		98
75) Fluoranthene	12.35	202	750728	9.759	ng		97
77) Benzidine	12.48	184	314913	13.299	ng		97
78) Pyrene	12.58	202	767765	9.438	ng		99
80) Butylbenzylphthalate	13.20	149	340394	8.806	ng		97
81) Benzo(a)anthracene	13.77	228	620780	9.991	ng		97
82) 3,3'-Dichlorobenzidine	13.74	252	218457	9.703	ng	#	96
83) Chrysene	13.80	228	638114	9.442	ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	475848	9.692	ng		99
85) Di-n-octyl phthalate	14.38	149	852497	9.384	ng		99
86) Indeno(1,2,3-cd)pyrene	16.50	276	445442	7.171	ng		97
88) Benzo(b)fluoranthene	14.79	252	592396m	9.880	ng		
89) Benzo(k)fluoranthene	14.81	252	517774	9.721	ng		98
90) Benzo(a)pyrene	15.12	252	510345	9.602	ng		100
91) Dibenzo(a,h)anthracene	16.51	278	368611	7.702	ng		98
92) Benzo(g,h,i)perylene	16.89	276	354075	7.431	ng		95

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

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