Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118499.D
Acq On : 8 Jan 2020 13:41
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:34 PM

Quant Time: Jan 08 15:34:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 14:21:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86892	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	341243	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	177432	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	332483	20.00	ng	0.00
76) Chrysene-d12	14.04	240	214661	20.00	ng	0.00
87) Perylene-d12	15.52	264	176447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	593808	122.67	ng	0.00
7) Phenol-d6	6.48	99	726215	117.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	733492	116.43	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	254770	117.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1429300	118.92	ng	0.00
79) Terphenyl-d14	12.97	244	1779094	126.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	102038	62.337	ng	99
3) Pyridine	3.30	79	284730	63.275	ng	97
4) n-Nitrosodimethylamine	3.27	42	142956	65.734	ng	96
6) Aniline	6.50	93	452797	59.316	ng	99
8) 2-Chlorophenol	6.62	128	332297	58.894	ng	95
9) Benzaldehyde	6.39	77	166221	48.838	ng	97
10) Phenol	6.49	94	409246	59.427	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	288693	60.545	ng	99
12) 1,3-Dichlorobenzene	6.77	146	380991	57.151	ng	97
13) 1,4-Dichlorobenzene	6.85	146	387658	57.341	ng	98
14) 1,2-Dichlorobenzene	7.01	146	373742	58.905	ng	99
15) Benzyl Alcohol	6.99	79	292073	58.979	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	311330	58.465	ng	94
17) 2-Methylphenol	7.10	107	260815	57.009	ng	95
18) Hexachloroethane	7.35	117	150372	60.499	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	231044	60.099	ng	99
20) 3+4-Methylphenols	7.26	107	347156	57.898	ng	93
22) Acetophenone	7.26	105	489520	55.939	ng	98
24) Nitrobenzene	7.43	77	356352	57.200	ng	97
25) Isophorone	7.67	82	590410	54.972	ng	98
26) 2-Nitrophenol	7.75	139	184841	55.514	ng	95
27) 2,4-Dimethylphenol	7.78	122	243109	55.766	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	392673	57.789	ng	99
29) 2,4-Dichlorophenol	7.99	162	282990	55.050	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	337222	55.436	ng	98
31) Naphthalene	8.15	128	1012731	56.433	ng	99
32) Benzoic acid	7.95	122	170664	56.179	ng	99
33) 4-Chloroaniline	8.20	127	429600	57.086	ng	97
34) Hexachlorobutadiene	8.26	225	208472	57.447	ng	100
35) Caprolactam	8.60	113	85658m	52.784	ng	
36) 4-Chloro-3-methylphenol	8.69	107	302098	55.846	ng	98
37) 2-Methylnaphthalene	8.84	142	697127	56.825	ng	97
38) 1-Methylnaphthalene	8.94	142	661118	56.306	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	327086	60.936	ng	99

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1/9/2020 12:10:34 PM

Quant Time: Jan 08 15:34:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 14:21:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	80757	83.116	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	194321	56.684	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	205630	58.924	ng		97
46) 1,1'-Biphenyl	9.31	154	820992	57.803	ng		99
47) 2-Chloronaphthalene	9.33	162	640023	56.225	ng		99
48) 2-Nitroaniline	9.44	65	195681	59.495	ng		95
49) Acenaphthylene	9.75	152	939885	55.535	ng		99
50) Dimethylphthalate	9.61	163	788298	57.711	ng		100
51) 2,6-Dinitrotoluene	9.68	165	163921	58.558	ng		99
52) Acenaphthene	9.92	154	596205	55.947	ng		99
53) 3-Nitroaniline	9.86	138	192481	56.179	ng		99
54) 2,4-Dinitrophenol	9.97	184	71086	60.043	ng		94
55) Dibenzofuran	10.10	168	905034	59.985	ng		100
56) 4-Nitrophenol	10.03	139	103785	62.987	ng		93
57) 2,4-Dinitrotoluene	10.09	165	230470	59.841	ng		99
58) Fluorene	10.44	166	730563	59.051	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	175132	60.490	ng		97
60) Diethylphthalate	10.31	149	805136	59.943	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	362891	58.688	ng		94
62) 4-Nitroaniline	10.48	138	193009	55.040	ng		99
63) Azobenzene	10.59	77	684259	59.237	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	109477	57.535	ng		99
66) n-Nitrosodiphenylamine	10.55	169	631770	55.492	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	223856	53.104	ng		98
68) Hexachlorobenzene	10.99	284	270677	53.969	ng	#	93
69) Atrazine	11.08	200	161308	46.075	ng		98
70) Pentachlorophenol	11.19	266	87420	56.092	ng		98
71) Phenanthrene	11.41	178	1075701	58.628	ng		99
72) Anthracene	11.46	178	1072625	57.754	ng		100
73) Carbazole	11.62	167	936002	54.964	ng		100
74) Di-n-butylphthalate	11.94	149	1177443	52.720	ng		100
75) Fluoranthene	12.60	202	1106927	57.260	ng		99
77) Benzidine	12.72	184	297241	48.989	ng		98
78) Pyrene	12.83	202	1116645	60.231	ng		100
80) Butylbenzylphthalate	13.44	149	501072	61.347	ng		96
81) Benzo(a)anthracene	14.03	228	873814	57.214	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	284466	58.710	ng		99
83) Chrysene	14.07	228	835754	57.080	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	656317	64.220	ng		98
85) Di-n-octyl phthalate	14.62	149	863293	54.894	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	749144	71.616	ng		100
88) Benzo(b)fluoranthene	15.09	252	735147	59.897	ng		99
89) Benzo(k)fluoranthene	15.12	252	672981	55.713	ng		98
90) Benzo(a)pyrene	15.46	252	668162	59.709	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	619842	71.030	ng		99
92) Benzo(g,h,i)perylene	17.49	276	591594	65.353	ng		98

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

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