Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121266.D
Acq On : 13 Aug 2020 11:29
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
8/14/2020 2:53:21 PM

Quant Time: Aug 13 13:43:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 13:23:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	39776	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	156005	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	80539	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	156537	20.00	ng	0.00
76) Chrysene-d12	13.87	240	148761	20.00	ng	0.00
86) Perylene-d12	15.29	264	155689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	53736	20.87	ng	0.00
7) Phenol-d6	6.36	99	71300	21.49	ng	0.00
23) Nitrobenzene-d5	7.28	82	55533	19.41	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	18017	18.63	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	127128	22.42	ng	0.00
79) Terphenyl-d14	12.82	244	161665	21.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	11342	10.238	ng	100
3) Pyridine	3.02	79	28989m	10.000	ng	
4) n-Nitrosodimethylamine	2.93	42	10963	9.174	ng	92
6) Aniline	6.38	93	42046	10.654	ng	96
8) 2-Chlorophenol	6.50	128	29341	10.313	ng	98
9) Benzaldehyde	6.27	77	19972	11.263	ng	96
10) Phenol	6.37	94	38694	10.758	ng	98
11) bis(2-Chloroethyl)ether	6.45	93	28127	10.734	ng	98
12) 1,3-Dichlorobenzene	6.66	146	32291	10.779	ng	99
13) 1,4-Dichlorobenzene	6.74	146	32435	10.648	ng	99
14) 1,2-Dichlorobenzene	6.89	146	30531	10.625	ng	99
15) Benzyl Alcohol	6.86	79	22936	10.218	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	39290	10.421	ng	98
17) 2-Methylphenol	6.98	107	23329	10.282	ng	97
18) Hexachloroethane	7.23	117	10915	10.062	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	19779	10.666	ng	98
20) 3+4-Methylphenols	7.14	107	30778	10.880	ng	95
22) Acetophenone	7.13	105	41371	10.538	ng	97
24) Nitrobenzene	7.30	77	30303	9.645	ng	95
25) Isophorone	7.55	82	56467	9.857	ng	97
26) 2-Nitrophenol	7.63	139	13389	8.833	ng	93
27) 2,4-Dimethylphenol	7.66	122	23139	9.598	ng	93
28) bis(2-Chloroethoxy)methane	7.76	93	31441	9.780	ng	98
29) 2,4-Dichlorophenol	7.87	162	23346	9.450	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	26783	9.981	ng	98
31) Naphthalene	8.03	128	89351	10.288	ng	99
32) Benzoic acid	7.75	122	6107	5.563	ng	89
33) 4-Chloroaniline	8.08	127	35598	9.986	ng	98
34) Hexachlorobutadiene	8.15	225	16106	9.877	ng	97
35) Caprolactam	8.40	113	6677	8.878	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	24052	9.535	ng	99
37) 2-Methylnaphthalene	8.72	142	57854	10.066	ng	99
38) 1-Methylnaphthalene	8.82	142	55155	10.218	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	26814	10.132	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	2299	3.957	ng		90
43) 2,4,6-Trichlorophenol	9.00	196	15795	9.444	ng		98
44) 2,4,5-Trichlorophenol	9.04	196	17524	9.612	ng		97
46) 1,1'-Biphenyl	9.18	154	71098	10.446	ng		99
47) 2-Chloronaphthalene	9.20	162	54065	10.257	ng		98
48) 2-Nitroaniline	9.30	65	14267	9.365	ng	#	82
49) Acenaphthylene	9.62	152	86293	10.275	ng		99
50) Dimethylphthalate	9.47	163	60958	10.007	ng		99
51) 2,6-Dinitrotoluene	9.54	165	12502	9.150	ng		88
52) Acenaphthene	9.79	154	50998	10.268	ng		98
53) 3-Nitroaniline	9.71	138	14445	9.329	ng		96
54) 2,4-Dinitrophenol	9.83	184	1672	3.669	ng		94
55) Dibenzofuran	9.96	168	83429	10.602	ng		99
56) 4-Nitrophenol	9.88	139	7308	8.320	ng		95
57) 2,4-Dinitrotoluene	9.95	165	15989	9.039	ng		97
58) Fluorene	10.30	166	63759	10.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.08	232	13432	9.428	ng	#	93
60) Diethylphthalate	10.17	149	60970	9.883	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	30801	10.469	ng		98
62) 4-Nitroaniline	10.32	138	14068	9.032	ng		95
63) Azobenzene	10.46	77	62163	10.122	ng		98
65) 4,6-Dinitro-2-methylphenol	10.36	198	5370	6.475	ng		96
66) n-Nitrosodiphenylamine	10.41	169	53867	10.091	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	18361	10.133	ng		97
68) Hexachlorobenzene	10.85	284	20861	10.233	ng		99
69) Atrazine	10.94	200	16686	10.224	ng		97
70) Pentachlorophenol	11.05	266	4052	6.112	ng		98
71) Phenanthrene	11.26	178	93172	10.578	ng		99
72) Anthracene	11.32	178	91125	10.297	ng		99
73) Carbazole	11.47	167	90747	10.414	ng		99
74) Di-n-butylphthalate	11.80	149	97849	9.742	ng		100
75) Fluoranthene	12.44	202	102277	10.290	ng		100
77) Benzidine	12.57	184	38101	9.034	ng		99
78) Pyrene	12.67	202	110916	10.109	ng		99
80) Butylbenzylphthalate	13.30	149	40774	8.681	ng		99
81) Benzo(a)anthracene	13.86	228	105004	10.275	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	39867	9.873	ng		98
83) Chrysene	13.90	228	102319	10.135	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	61733	9.067	ng	#	98
85) Di-n-octyl phthalate	14.47	149	106158	8.796	ng		99
87) Indeno(1,2,3-cd)pyrene	16.66	276	116301	9.969	ng		100
88) Benzo(b)fluoranthene	14.89	252	105994	10.358	ng		97
89) Benzo(k)fluoranthene	14.91	252	97743	10.112	ng		100
90) Benzo(a)pyrene	15.23	252	94770	10.086	ng		99
91) Dibenzo(a,h)anthracene	16.67	278	100614	10.133	ng		97
92) Benzo(g,h,i)perylene	17.07	276	98471	9.967	ng		98

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

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