Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116526.D
Acq On : 25 Aug 2019 12:38
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:57 AM

Quant Time: Aug 26 06:43:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149883	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	610686	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	322104	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	536519	20.00	ng	0.00
76) Chrysene-d12	14.03	240	351849	20.00	ng	0.00
87) Perylene-d12	15.50	264	313111	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	714780	69.68	ng	0.00
7) Phenol-d6	6.51	99	917710	72.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	871400	78.07	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	231763	83.80	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1542267	77.11	ng	0.00
79) Terphenyl-d14	12.98	244	1543841	81.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	154747	34.842	ng	100
3) Pyridine	3.45	79	458987	33.936	ng	99
4) n-Nitrosodimethylamine	3.40	42	172561	34.949	ng	98
6) Aniline	6.55	93	620574	36.444	ng	99
8) 2-Chlorophenol	6.67	128	392787	36.489	ng	98
9) Benzaldehyde	6.43	77	306085	36.422	ng	98
10) Phenol	6.52	94	515943	37.775	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	383359	36.863	ng	99
12) 1,3-Dichlorobenzene	6.83	146	446962	38.362	ng	97
13) 1,4-Dichlorobenzene	6.90	146	445103	39.693	ng	99
14) 1,2-Dichlorobenzene	7.06	146	415243	39.253	ng	97
15) Benzyl Alcohol	7.02	79	364418	35.802	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	505454	35.152	ng	98
17) 2-Methylphenol	7.13	107	330784	37.088	ng	99
18) Hexachloroethane	7.40	117	167923	38.396	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	296736	34.574	ng	96
20) 3+4-Methylphenols	7.29	107	412520	37.757	ng	93
22) Acetophenone	7.29	105	570174	37.338	ng	98
24) Nitrobenzene	7.46	77	438236	37.911	ng	99
25) Isophorone	7.70	82	789935	35.911	ng	98
26) 2-Nitrophenol	7.78	139	206302	48.859	ng	94
27) 2,4-Dimethylphenol	7.82	122	328391	37.274	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	496564	36.554	ng	99
29) 2,4-Dichlorophenol	8.02	162	324991	38.789	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	382487	40.551	ng	99
31) Naphthalene	8.19	128	1140563	38.608	ng	99
32) Benzoic acid	7.93	122	240045m	42.619	ng	
33) 4-Chloroaniline	8.23	127	502017	38.709	ng	97
34) Hexachlorobutadiene	8.31	225	215896	41.969	ng	100
35) Caprolactam	8.60	113	102129	34.994	ng	91
36) 4-Chloro-3-methylphenol	8.71	107	347027	36.708	ng	92
37) 2-Methylnaphthalene	8.87	142	763929	37.662	ng	98
38) 1-Methylnaphthalene	8.97	142	717332	37.858	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	350648	40.462	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	188278	40.381	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	241226	39.773	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	241729	39.170	ng		98
46) 1,1'-Biphenyl	9.34	154	980893	38.089	ng		99
47) 2-Chloronaphthalene	9.37	162	756538	37.893	ng		99
48) 2-Nitroaniline	9.45	65	237251	38.811	ng		96
49) Acenaphthylene	9.78	152	1102687	37.751	ng		99
50) Dimethylphthalate	9.64	163	855331	38.060	ng		100
51) 2,6-Dinitrotoluene	9.70	165	190910	41.503	ng		90
52) Acenaphthene	9.95	154	722792	38.563	ng		99
53) 3-Nitroaniline	9.86	138	211853	38.637	ng		96
54) 2,4-Dinitrophenol	9.96	184	71709	44.044	ng	#	14
55) Dibenzofuran	10.12	168	991393	37.945	ng		98
56) 4-Nitrophenol	10.01	139	145957	34.248	ng		96
57) 2,4-Dinitrotoluene	10.10	165	244473	41.767	ng		90
58) Fluorene	10.47	166	747064	36.803	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	203149	40.091	ng		97
60) Diethylphthalate	10.34	149	851110	38.532	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	380834	38.457	ng		98
62) 4-Nitroaniline	10.47	138	195611	36.476	ng		93
63) Azobenzene	10.62	77	834488	36.744	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	103442	47.163	ng		93
66) n-Nitrosodiphenylamine	10.57	169	670123	38.574	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	234074	41.615	ng		95
68) Hexachlorobenzene	11.02	284	251537	40.432	ng		94
69) Atrazine	11.10	200	215751	41.450	ng		99
70) Pentachlorophenol	11.20	266	148208	40.832	ng		99
71) Phenanthrene	11.43	178	1124308	38.468	ng		99
72) Anthracene	11.47	178	1114372	37.943	ng		99
73) Carbazole	11.63	167	962954	36.527	ng		100
74) Di-n-butylphthalate	11.96	149	1307493	40.024	ng		99
75) Fluoranthene	12.61	202	1122959	37.163	ng		98
77) Benzidine	12.72	184	448415	31.677	ng		99
78) Pyrene	12.84	202	1114684	39.615	ng		99
80) Butylbenzylphthalate	13.46	149	529517	43.575	ng		99
81) Benzo(a)anthracene	14.02	228	871145	38.228	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	292793	36.054	ng		99
83) Chrysene	14.06	228	879716	38.088	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	704485	43.477	ng		100
85) Di-n-octyl phthalate	14.63	149	1167250	42.431	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	650455	32.876	ng		98
88) Benzo(b)fluoranthene	15.07	252	784938	40.581	ng		98
89) Benzo(k)fluoranthene	15.10	252	699595	39.924	ng		98
90) Benzo(a)pyrene	15.44	252	657786	38.478	ng		98
91) Dibenzo(a,h)anthracene	16.98	278	528683	37.636	ng		99
92) Benzo(g,h,i)perylene	17.40	276	516989	38.605	ng		98

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

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