Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116657.D
Acq On : 30 Aug 2019 17:50
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Aug 30 18:22:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 18:11:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124084	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	510085	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	256634	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	399747	20.00	ng		0.00
76) Chrysene-d12	14.00	240	248314	20.00	ng		0.00
87) Perylene-d12	15.45	264	223262	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	733551	74.38	ng		0.00
7) Phenol-d6	6.48	99	962415	84.39	ng		0.00
23) Nitrobenzene-d5	7.42	82	876198	90.40	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	163770	55.34	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1414940	69.21	ng		0.00
79) Terphenyl-d14	12.95	244	1255189	81.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	170381	34.861	ng		99
3) Pyridine	3.35	79	503967	36.865	ng		94
4) n-Nitrosodimethylamine	3.29	42	170012	32.582	ng	#	81
6) Aniline	6.52	93	669614	43.448	ng		97
8) 2-Chlorophenol	6.64	128	402538	41.823	ng		100
9) Benzaldehyde	6.40	77	290478	43.851	ng		98
10) Phenol	6.49	94	536270	42.385	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	414156	43.414	ng		97
12) 1,3-Dichlorobenzene	6.79	146	452824	45.448	ng		98
13) 1,4-Dichlorobenzene	6.87	146	454587	47.351	ng		99
14) 1,2-Dichlorobenzene	7.03	146	415116	48.906	ng		98
15) Benzyl Alcohol	6.99	79	397194	51.920	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	485165	52.294	ng		99
17) 2-Methylphenol	7.10	107	351231	52.231	ng		96
18) Hexachloroethane	7.37	117	174208	51.183	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	312600	52.533	ng		90
20) 3+4-Methylphenols	7.26	107	405331	47.900	ng	#	80
22) Acetophenone	7.26	105	585603	40.684	ng	#	89
24) Nitrobenzene	7.43	77	449691	46.351	ng		95
25) Isophorone	7.67	82	864316	49.279	ng		99
26) 2-Nitrophenol	7.75	139	170905	39.634	ng		97
27) 2,4-Dimethylphenol	7.79	122	325201	47.593	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	529891	48.881	ng		99
29) 2,4-Dichlorophenol	7.99	162	313017	43.369	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	340188	40.951	ng		96
31) Naphthalene	8.16	128	1166279	45.095	ng		99
32) Benzoic acid	7.91	122	195770	35.531	ng		97
33) 4-Chloroaniline	8.20	127	526473	48.003	ng		99
34) Hexachlorobutadiene	8.28	225	185785	39.043	ng		99
35) Caprolactam	8.57	113	116564	50.976	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	361028	45.253	ng		97
37) 2-Methylnaphthalene	8.85	142	774372	45.325	ng		96
38) 1-Methylnaphthalene	8.95	142	731802	45.514	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	291453	33.477	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	173040	33.911 ng		97
43) 2,4,6-Trichlorophenol	9.12	196	203623	34.688 ng		96
44) 2,4,5-Trichlorophenol	9.16	196	210692	35.330 ng	#	91
46) 1,1'-Biphenyl	9.31	154	933595	37.569 ng		97
47) 2-Chloronaphthalene	9.33	162	729117	37.984 ng		98
48) 2-Nitroaniline	9.42	65	224528	38.162 ng		93
49) Acenaphthylene	9.75	152	1106296	42.393 ng		99
50) Dimethylphthalate	9.61	163	833456	38.131 ng		99
51) 2,6-Dinitrotoluene	9.67	165	168582	37.497 ng		89
52) Acenaphthene	9.92	154	683704	43.106 ng		99
53) 3-Nitroaniline	9.83	138	209623	42.790 ng	#	90
54) 2,4-Dinitrophenol	9.93	184	48052	25.635 ng	#	67
55) Dibenzofuran	10.09	168	958459	39.897 ng		98
56) 4-Nitrophenol	9.99	139	143460	42.610 ng		90
57) 2,4-Dinitrotoluene	10.07	165	208258	37.477 ng		95
58) Fluorene	10.43	166	729237	37.635 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	151571	32.902 ng		95
60) Diethylphthalate	10.31	149	841270	40.680 ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	320930	33.549 ng		99
62) 4-Nitroaniline	10.45	138	203833	38.278 ng		94
63) Azobenzene	10.59	77	879885	42.801 ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	69959	32.423 ng		70
66) n-Nitrosodiphenylamine	10.55	169	659280	49.615 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	194927	42.855 ng		96
68) Hexachlorobenzene	10.99	284	203366	40.596 ng		98
69) Atrazine	11.07	200	189886	46.969 ng		97
70) Pentachlorophenol	11.17	266	101459	34.607 ng		96
71) Phenanthrene	11.39	178	1058290	47.119 ng		99
72) Anthracene	11.45	178	1071472	46.717 ng		99
73) Carbazole	11.59	167	1022599	50.354 ng		100
74) Di-n-butylphthalate	11.93	149	1300598	48.730 ng		99
75) Fluoranthene	12.58	202	1042417	45.497 ng		99
77) Benzidine	12.69	184	495609	58.657 ng		99
78) Pyrene	12.80	202	1045271	43.226 ng		98
80) Butylbenzylphthalate	13.42	149	512990	52.509 ng		99
81) Benzo(a)anthracene	13.99	228	749960	44.586 ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	255560	46.173 ng		95
83) Chrysene	14.03	228	767028	46.795 ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	621839	49.716 ng		99
85) Di-n-octyl phthalate	14.59	149	1036873	54.935 ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	592248	41.698 ng	#	92
88) Benzo(b)fluoranthene	15.03	252	646893	45.759 ng		97
89) Benzo(k)fluoranthene	15.06	252	585605	43.136 ng		99
90) Benzo(a)pyrene	15.39	252	562710	45.549 ng		97
91) Dibenzo(a,h)anthracene	16.92	278	479312	36.990 ng	#	95
92) Benzo(g,h,i)perylene	17.33	276	483671	38.968 ng	#	91

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

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